

Loudoun Math & IT Academy Public Charter School Application contents:

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Note: Appendix C, community support surveys, was not included in the application documents due to large size. Available upon request.

Resub: Hal

DCN: 11-02-03-0046

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**ARTICLES OF INCORPORATION
OF
NORTHERN VIRGINIA EDUCATION FOUNDATION**

2011 FEB 24 11:11:14

The undersigned, all of whom are twenty one (21) years or older, pursuant to nonprofit foundation under the Non Stock Corporation Law of Virginia, do hereby set forth the following:

FIRST The name of this corporation is NORTHERN VIRGINIA EDUCATION FOUNDATION.

SECOND The purpose for which this corporation is formed, the specific and primary purpose being set forth in Paragraph [a] and [b] below, are:

[a] More specifically and without limiting or expanding the foregoing, the purpose of the Foundation is to promote, maintain, and conduct educational institutions for academic, scientific, and professional education and learning.

[b] The general purposes for which this corporation is formed are to operate exclusively for such educational purposes as will qualify it as an exempt organization under Section 501 (c) (3) of the Internal Revenue Code of 1954 or corresponding provisions of any subsequent federal tax laws, including, for such purposes, the making of distributions to organizations qualifying as tax-exempt organizations under that Code.

[c] No substantial part of the activities of the corporation shall be the carrying on or propaganda, or otherwise attempting to influence legislation, and the corporation shall not participate in, or intervene in any political campaign on behalf of any candidate for public office.

[d] No part of the net earnings of the corporation shall inure to the benefit of, or be distributable to its members, trustees, officers, or other private persons, except that the Corporation shall be authorized to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the exempt purposes set forth.

[e] This corporation shall have and exercise any and all rights and powers which a corporation organized under the General Nonprofit Corporation Law of the State of Virginia may now or hereafter exercise, provided, however, that this corporation is not empowered to engage in any activity which in itself is not in furtherance of its purposes as set forth in furtherance of its purposes as set forth in Subparagraphs [a] and [b] of this Article.

Foregoing statement of purposes shall be construed as a statement of both purposes and powers in each clause shall, except where otherwise expressed, be nowise limited or restricted by any reference to or inference from the terms or provisions of any other clause, but shall be regarded as independent purposes and powers.

THIRD This Corporation is organized pursuant to the Nonprofit Corporation Law of the State of Virginia.

FOURTH The address of the principal office of the Corporation within the state of Virginia, located in Loudoun County is:

45566 Lakeside Dr Sterling VA 20165

FIFTH The name of the corporation's registered agent is Dr. Ali Gokce.
Dr. Gokce is an individual who is a resident of Virginia and an initial director of the corporation.
The corporation's initial registered office address, 45566 Lakeside Dr Sterling VA 20165.
The corporation's initial registered office address is identical to the business office of the initial registered agent.
The registered office is physically located in Loudoun county of Virginia.

SIXTH The powers of this corporation shall be exercised, its properties controlled, and its affairs conducted by a board of directors. The directors constituting the initial board of directors shall hold office until the first annual election of directors. Directors shall select their successors. The authorized number of directors is three (3), and the names and addresses of the persons who are to serve as directors until their successors are elected and shall qualify are:

Dr. Ali Gokce President	Dr. Mustafa Emin Sahin Vice President	Sinan Yildirim Secretary
45566 Lakeside Dr Sterling VA 20165	44267 Meandering Ter #403 Ashburn VA 20147	1204 S Washington ST # 705W Alexandria VA 22314

SEVENTH The authorized number and qualifications of members of this corporation, the different classes of membership, the property, voting and other rights and privileges of members, and the liability of members to dues or assessments and the method of collection thereof, shall be as set forth in the Bylaws of this corporation.

EIGHT Any action required or permitted to be taken by the Board of Directors under any provision of the General Nonprofit Corporation Law or the General Corporation Law of the State of Virginia may be taken without meeting, if all members of the Board shall individually or collectively consent in writing to such action. Such written consent or consents shall be filed with the minutes of the proceeding of the Board.

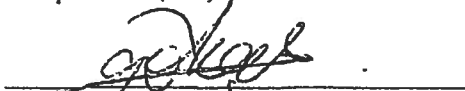
NINTH The period of duration of the corporation shall be perpetual.

TENTH No part of the net earnings, properties or assets of this corporation, on dissolution or otherwise, shall inure to the benefit of any private person or individual or any other member or Director of this corporation, and on liquidation or dissolution, all properties and assets of this corporation remaining after paying or providing for all debts and obligations shall be distributed and paid over to such fund, foundation, or corporation organized and operated exclusively for the purposes specified in Section 501 (c) (3) of the Internal Revenue Code (or corresponding section of an Federal tax code).

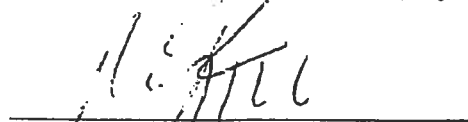
IN WITNESS WHEREOF, the undersigned have signed these Articles of Incorporation and acknowledge that these Articles of Incorporation are their act and that to the best of their knowledge, information and belief, and under penalties of perjury, the matters and facts set forth herein are true in all material respects.

We have hereunto subscribed our names this 18 of February, 2011.

INCORPORATOR : Dr. Ali Gokce
Telephone (703) 421 9892


SIGNATURE

INCORPORATOR : Dr. Mustafa Emin Sahin


SIGNATURE

COMMONWEALTH OF VIRGINIA
STATE CORPORATION COMMISSION

AT RICHMOND, MARCH 4, 2011

The State Corporation Commission has found the accompanying articles submitted on behalf of

NORTHERN VIRGINIA EDUCATION FOUNDATION

to comply with the requirements of law, and confirms payment of all required fees. Therefore, it is ORDERED that this

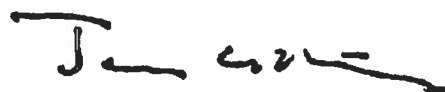
CERTIFICATE OF INCORPORATION

be issued and admitted to record with the articles of incorporation in the Office of the Clerk of the Commission, effective March 4, 2011.

The corporation is granted the authority conferred on it by law in accordance with the articles, subject to the conditions and restrictions imposed by law.

STATE CORPORATION COMMISSION

By



James C. Dimitri
Commissioner

Commonwealth of Virginia



State Corporation Commission

I Certify the Following from the Records of the Commission:

The foregoing is a true copy of all documents constituting the charter of NORTHERN VIRGINIA EDUCATION FOUNDATION on file in the Clerk's Office of the Commission.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:
July 19, 2011*

Joel H. Peck

Joel H. Peck, Clerk of the Commission

BYLAWS OF NORTHERN VIRGINIA EDUCATION FOUNDATION

ARTICLE I STRUCTURE

Section 1.1. Structure. Northern Virginia Education Foundation ("Corporation") is a non-stock, non-profit corporation organized under the Virginia Non-stock Corporation Act, Article 13.1 Chapter 10 of the Code of Virginia. The Articles of Incorporation of the Corporation were issued by the Office of the Clerk of the State Corporation Commission on March 4, 2011.

Section 1.2. Purposes. The Corporation is organized and is to be operated exclusively to carry out charitable and educational purposes, within the meaning of Section 501(c)(3) of the Internal Revenue Code, as now in effect or as may hereafter be amended (the "Code"), including, but without limitation thereon: (a) to operate one or more public charter schools in Loudoun County, Virginia; (b) to exercise all rights and powers conferred by the laws of the Commonwealth of Virginia upon non-stock corporations, including, but without limitation thereon, to raise funds, to receive gifts, devises, bequests and contributions, in any form, and to use, apply, invest, and reinvest the principal and/or income therefrom or distribute the same for the above purposes; and (c) to engage in any other activity that is incidental to, connected with or in advancement of the foregoing purposes and that is within the definition of charitable and educational for purposes of Section 501(c)(3) of the Code, provided, the powers of the Corporation shall never be inconsistent with the purposes of the Corporation stated above or the Constitution of the United States or the Commonwealth of Virginia.

ARTICLE II OFFICES

Section 2.1. Principal Place of Business. The principal place of business of the Corporation shall be located in Loudoun County. The Corporation may have such other offices, within the Commonwealth of Virginia, as the Board of Directors may determine or as the affairs of the Corporation may require from time to time.

Section 2.2. Registered Office and Registered Agent. The Corporation shall have and continuously maintain in the Commonwealth of Virginia a registered office and a registered agent whose office is the Corporation's registered office. The Board of Directors may change the principal office from one location to another within the Commonwealth of Virginia by noting the changed address, and such changes of address shall not be deemed, nor require, an amendment of these Bylaws.

ARTICLE III BOARD OF DIRECTORS

Section 3.1. Powers. The business, affairs and property of the Corporation shall be managed and controlled by the Board of Directors, and all corporate powers shall be vested in and exercised by the Board, except as otherwise provided by law, the Articles of Incorporation or these Bylaws.

Section 3.2. Number. The number of Directors constituting the initial Board of Directors shall be three (3). Thereafter the number of Directors may be increased or decreased from time to time by

resolution of the Board, provided that no decrease in the number of Directors shall have the effect of shortening the term of any incumbent Director and provided further that the number of Directors shall never be less than three (3).

Section 3.3. Election and Terms of Office. Directors shall be elected by a majority vote of the Directors then in office. Directors shall hold office for three-year terms, with one-third of the Board being elected annually, and until their successors are elected and qualified, or until their earlier death, resignation or removal. No Director shall hold office for more than two consecutive three-year terms, provided, however, that a Director may be re-elected to the Board of Directors after having remained off the Board for one year after two consecutive three-year terms.

Section 3.4. Removal. Any or all of the Directors may be removed with or without cause by a majority vote of the entire Board at any special meeting of the Board called for that purpose.

Section 3.5. Resignation. Any Director may resign at any time by delivering written notice of his or her resignation to the Secretary or President of the Corporation. Such resignation shall become effective upon receipt thereof by the Secretary or President but the acceptance of such resignation shall not be necessary to make it effective.

Section 3.6. Vacancies. Any newly created directorships and any vacancies of the Board of Directors, arising at any time and from any cause, may be filled at any meeting of the Board of Directors by a majority of the Directors regardless of their number. Any Director so elected shall serve until the end of the term of office which he has been elected to fill and until his or her successor is elected and qualified.

Section 3.7. Meetings. The Board of Directors and the Corporation are subject to the Code of Virginia § 2.2-3707, and all meetings of the Board of Directors shall be held at the time and place provided in the notice prepared in compliance with the open meetings laws. The annual meeting of the Board shall be held in the month of June in each year, at a date, time and place fixed by the Board, for the election of officers and Directors and for the transaction of such business as may properly come before the meeting. Regular meetings of the Directors may be held at such time and place as shall from time to time be determined by the Board. Special meetings may be called at any time by the President or by the Secretary upon written request of one-third of all of the voting Directors.

Section 3.8. Notice of Meetings. In addition to any notice required under the open meetings laws, notice of the time and place of each regular, special or annual meeting of the Board, and, to the extent possible a written agenda stating all matters upon which action is proposed to be taken shall be given to each Director by personal delivery, facsimile, or regular mail, postage prepaid, at least 48 hours before the day on which the meeting is to be held; provided however, that notice of special meetings to discuss matters requiring prompt action may be given to him or her by telephone, confirmed in writing by facsimile, electronic mail, personal or overnight delivery, no less than 24 hours before the time at which such meeting is to be held. Notice of a meeting need not be given to any Director who submits a signed waiver of notice whether before or after the meeting, or who attends the meeting without

protesting prior thereto or at its commencement, the lack of notice to him or her. A majority of the Directors present, whether or not a quorum is present, may adjourn any meeting to another time and place.

Section 3.9. Quorum and Voting. Except as otherwise provided by law, a majority of the entire Board, shall constitute a quorum for the transaction of business or of any specified item of business. Except as otherwise provided by law or these Bylaws, the vote of a majority of the Board of Directors present at the time of a vote, if a quorum is present, at such time shall be the act of the Board.

Section 3.10. Action by the Board. To the extent permitted by law, any one or more members of the Board or any committee thereof may participate in a meeting of the Board or committee by means of a conference telephone or similar communication equipment allowing all persons participating in the meeting to hear each other at the same time, provided such meeting and notice thereof comply with the open meetings laws. Participation by such meeting shall constitute presence in person at such meeting.

Section 3.11. Committees. The Board of Directors, by resolution adopted by a majority of the entire Board, may designate from among its members an executive committee and other standing committees, each consisting of one or more Directors. The Board may designate one or more Directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of the committee. The President shall appoint the chairperson of each committee. To the extent permitted by law, any one or more members of such committee may participate in a meeting of the committee by means of a conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, provided such meeting and notice thereof comply with the open meetings laws. Participation in a meeting by such means shall constitute presence in person at the meeting. Committee members shall maintain minutes of each meeting and shall file copies of the minutes with the corporate records. Such committees shall have all the powers delegated by the Board except that no committee shall have the power (a) to change the membership of, or to fill vacancies in, any committee of the Board, (b) to fix the compensation of Directors for serving on the Board or any committee of the Board, (c) to amend or repeal these Bylaws, or the Articles of Incorporation, or adopt any new Bylaws, (d) to adopt an agreement of merger or consolidation, (e) to recommend the sale, lease, or exchange of all or substantially all of the Corporation's assets and property to the membership, or (f) to exercise other powers specifically denied the committee by resolution of the Board of Directors or by law. Each committee and each member of each committee shall serve at the pleasure of the Board of Directors.

Section 3.12. Compensation. Persons serving as Directors or members of a committee shall not receive any salary or compensation for their services as Directors or committee members; provided, however, that nothing contained herein shall be construed as precluding any Director or committee member from receiving compensation in a reasonable amount for personal services rendered (other than services rendered as a Director or committee member) that are reasonable and necessary in carrying out the Corporation's purposes as the Board of Directors may from time to time determine. A

Director or committee member shall be entitled to reimbursement for reasonable expenses incurred by him or her in carrying out his or her duties as a Director.

ARTICLE IV OFFICERS AND EMPLOYEES

Section 4.1. Number. The officers of the Board shall be a President, Vice President, Secretary and Treasurer, and such other officers, if any, as the Board of Directors may from time to time appoint. Any two or more offices may be held by the same person, except the offices of President and Secretary, provided that no individual may act in more than one capacity where action of two or more officers is required.

Section 4.2. Election and Term. All officers shall be elected by the Directors at their annual meeting and shall hold office for the term of one year. Each officer shall continue in office until his or her successor shall have been elected and qualified, or until his or her death, resignation or removal.

Section 4.3. Resignation and Removal. An officer may resign by giving written notice of his or her resignation to the President or Secretary. Any officer may be removed, with or without cause, by a majority vote of the Board of Directors. A vacancy in any of such remaining offices shall be filled for the unexpired term by a majority vote of the Board.

Section 4.4. President. The President shall preside at all meetings of the Board of Directors, and shall have general charge and supervision of the administration of the affairs and business of the Corporation. He or she shall have the power to sign alone in the name of the Corporation all contracts authorized either generally or specifically by the Board of Directors, to execute and deliver other documents and instruments and to sign checks, drafts, notes and orders for the payment of money. The President shall also have such other powers and perform such other duties as the Board of Directors may from time to time prescribe.

Section 4.5. Vice President. The Vice President shall, in the absence or disability of the President, perform the duties and exercise the powers of the President. The Vice President may have such powers and perform such duties as may be delegated thereunto by the President or prescribed by the Board of Directors.

Section 4.6. Secretary. The Secretary shall be responsible for the maintenance of an accurate record of all the minutes of all meetings of the Board of Directors and of any committees of which a secretary shall not have been appointed by the Board in books to be kept for that purpose; serve or cause to be served all notices of the Corporation; be custodian of the records (other than financial); and perform all duties incident to the office of Secretary and such other duties as from time to time may be assigned to him or her by the Board. In the event of absence or disability of the Secretary, the Board of Directors may appoint an Assistant Secretary to perform the duties of the Secretary during such absence or disability.

Section 4.7. Treasurer. The Treasurer shall keep or cause to be kept complete and accurate accounts of receipts and disbursements of the Corporation, and shall deposit all moneys and other

valuable effects of the Corporation in the name and to the credit of the Corporation in such banks or depositories as the Board of Directors may designate. The Treasurer shall keep proper books of accounts and other books showing at all times the amount of the funds and other property of the Corporation, all of which books shall be open at all times to the inspection of the Board of Directors. The Treasurer shall submit a report of the accounts and financial condition of the Corporation at each annual meeting. He or she shall perform all duties incident to the office of Treasurer, and such other duties as shall from time to time be assigned by the Board. If required by the Board, the Treasurer shall give such security for the faithful performance of his or her duties as the Board may require.

Section 4.8. Compensation. Persons serving as officers shall not receive any salary or compensation for their services as officers; provided, however, that nothing contained herein shall be construed as precluding any officer from receiving compensation in a reasonable amount for personal services rendered (other than services rendered as an officer) that are reasonable and necessary in carrying out the Corporation's purposes as the Board of Directors may from time to time determine. An officer shall be entitled to reimbursement for reasonable expenses incurred by him or her in carrying out his or her duties as an officer.

Section 4.9. Employees and Other Agents. The Board of Directors may from time to time appoint such employees and other agents as it shall deem necessary, each of whom shall hold office during the pleasure of the Board, and shall have such authority, perform such duties and receive such reasonable compensation, if any, as the Board of Directors may from time to time determine.

ARTICLE V MISCELLANEOUS

Section 5.1. Checks, Notes and Contracts. The Board of Directors is authorized to select such depositories as it shall deem proper for the funds of the Corporation. For each of the Corporation's accounts, an officer and an employee designated by the Board of Directors shall have the authority individually to sign all bills, notes, receipts, acceptances, endorsements and checks of the Corporation in an amount up to, and including, \$10,000.00. The designated officer and employee shall cosign all bills, notes, receipts, acceptances, endorsements and checks of the Corporation in an amount over \$10,000.00.

Section 5.2. Office. The office of the Corporation shall be located at such place as the Board of Directors may from time to time determine.

Section 5.3. Indemnification. The Corporation may, to the fullest extent now or hereafter permitted by law, indemnify any person made, or threatened to be made, a party to any action or proceeding by reason of the fact that he or she, his or her testator or intestate was a Director, officer, employee or agent of the Corporation, against judgments, fines, amounts paid in settlement and reasonable expenses, including attorney's fees.

Section 5.4. Amendments. These Bylaws may be amended at any meeting of the Board of Directors by a vote of the majority of the entire Board of Directors.

ARTICLE VI CONFLICTS OF INTEREST

Section 6.1. Purpose. The purpose of the conflicts of interest policy is to protect the Corporation's interest when it is contemplating entering into a transaction or arrangement that might benefit the private interest of an officer or Director of the Corporation. This policy is intended to supplement but not replace any applicable state laws governing conflicts of interest applicable to nonprofit and charitable corporations.

Section 6.2. Definitions.

(a) Interested Person. Any Director, principal officer, or member of a committee with Board-delegated powers who has a direct or indirect financial interest, as defined below, is an interested person.

(b) Financial Interest. A person has a financial interest if the person has, directly or indirectly, through business, investment or family —

- (1) an ownership or investment interest in any entity with which the Corporation has a transaction or arrangement, or
- (2) a compensation arrangement with the Corporation or with any entity or individual with which the Corporation has a transaction or arrangement, or
- (3) a potential ownership or investment interest in, or compensation arrangement with, any entity or individual with which the Corporation is negotiating a transaction or arrangement.

Compensation includes direct and indirect remuneration as well as gifts or favors that are substantial in nature.

Section 6.3. Procedures.

(a) Duty to Disclose. In connection with any actual or possible conflicts of interest, an interested person must disclose the existence of his or her financial interest and all material facts relating thereto to the Board of Directors and members of committees with Board-delegated powers considering the proposed transaction or arrangement.

(b) Determining Whether a Conflict of Interest Exists. After disclosure of the financial interest and all material facts relating thereto, and after any discussion thereof, the interested person shall leave the Board of Directors or committee meeting while the financial interest is discussed and voted upon. The remaining Board of Directors or committee members shall decide if a conflict of interest exists.

(c) Procedures for Addressing the Conflict of Interest.

- (1) An interested person may make a presentation at the Board of Directors or committee meeting, but after such presentation, he/she shall leave the meeting during the discussion of, and the vote on, the transaction or arrangement that results in the conflict of interest.
- (2) The Chairman of the Board or chairman of the committee shall, if appropriate, appoint a disinterested person or committee to investigate alternatives to the proposed transaction or arrangement.
- (3) After exercising due diligence, the Board of Directors or committee shall determine whether the Corporation can obtain a more advantageous transaction or arrangement with reasonable efforts from a person or entity that would not give rise to a conflict of interest.
- (4) If a more advantageous transaction or arrangement is not reasonably attainable under circumstances that would not give rise to a conflict of interest, the Board of Directors or committee shall determine by a majority vote of the disinterested Directors whether the transaction or arrangement is in the Corporation's best interest and for its own benefit and whether the transaction is fair and reasonable to the Corporation and shall make its decision as to whether to enter into the transaction or arrangement in conformity with such determination.

(d) Violations of the Conflicts of Interest Policy.

- (1) If the Board of Directors or a committee has reasonable cause to believe that a member has failed to disclose actual or possible conflicts of interest, it shall inform the member of the basis for such belief and afford the member an opportunity to explain the alleged failure to disclose.
- (2) If, after hearing the response of the member and making such further investigation as may be warranted in the circumstances, the Board of Directors or committee determines that the member has in fact failed to disclose an actual or possible conflict of interest, it shall take appropriate disciplinary and corrective action.

Section 6.4. Records of Proceedings. The minutes of the Board of Directors and all committees with Board-delegated powers shall contain —

(a) Names of Persons with Financial Interest. The names of the persons who disclosed or otherwise were found to have a financial interest in connection with an actual or possible conflict of interest, the nature of the financial interest, any action taken to determine whether a conflict of interest was present, and the Board of Directors' or committee's decision as to whether a conflict of interest in fact existed.

(b) Names of Persons Present. The names of the persons who were present for discussions and votes relating to the transaction or arrangement, the content of the discussion, including any alternatives to the proposed transaction or arrangement, and a record of any votes taken in connection therewith.

Section 6.5. Compensation Committees. A voting member of any committee whose jurisdiction includes compensation matters and who receives compensation, directly or indirectly, from the Corporation for services is precluded from voting on matters pertaining to that member's compensation.

Section 6.6. Annual Statements. Each Director, principal officer and member of a committee with Board-delegated powers shall annually sign a statement which affirms that such person —

- (a) Receipt. Has received a copy of the conflicts of interest policy.
- (b) Read and Understands. Has read and understands the policy.
- (c) Agrees to Comply. Has agreed to comply with the policy.
- (d) Tax Exemption. Understands that the Corporation is a charitable organization and that, in order to maintain its federal tax exemption, it must engage primarily in activities which accomplish one or more of its tax-exempt purposes.

Section 6.7. Periodic Reviews. To ensure that the Corporation operates in a manner consistent with its charitable purposes and that it does not engage in activities that could jeopardize its status as an organization exempt from federal income tax, the Corporation may conduct periodic review.

Section 6.8. Non-discriminatory Practices. The Board of Directors of the corporation shall not base admission on intellectual ability, measures of achievement of aptitude, athletic ability, or discriminate on the basis of ethnicity, national origin, race, gender, sexual orientation, or disability.

SENATE OF VIRGINIA

MARK R. HERRING
33RD SENATORIAL DISTRICT
PART OF FAIRFAX AND LOUDOUN COUNTIES
POST OFFICE BOX 5246
LEESBURG, VIRGINIA 20178



COMMITTEE ASSIGNMENTS:
COMMERCE AND LABOR
GENERAL LAWS AND TECHNOLOGY
LOCAL GOVERNMENT
REHABILITATION AND SOCIAL SERVICES

August 10, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

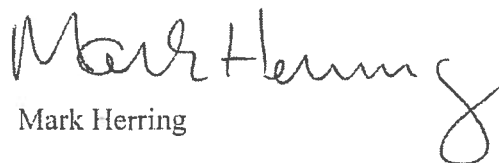
Dear Dr. Hatrick and Members of the School Board:

I write to express my support for giving the application of the Loudoun Math & IT Academy to establish a charter school in Loudoun County full consideration. I have met personally with the members of the founding group and I share their vision of preparing our children to compete and win in the global job market of the future. The Academy could be an exciting opportunity to establish a science and technology-focused school that will be a valuable to asset to our community.

Science and technology industry is a key driver of our local and regional economy. The number of businesses in the IT field has grown by 220% and its employment more than doubled over the past eight years. The Loudoun Math & IT Academy is planning to provide students with a unique opportunity to pursue their interests in science and math. The school also plans to provide an individualized focus on college preparation so that its students can pursue both advanced degrees in IT-related fields and seek career and internship opportunities with local high-tech companies and research institutions.

The founders have sought the advice and support of community groups and leaders to help them get this project started successfully. Additionally, they have demonstrated a willingness to work with Loudoun County Public Schools and establish a cooperative working relationship. I support the educational program proposed by the Loudoun Math & IT Academy and urge you to give the application full consideration.

Sincerely,


Mark Herring



Loudoun County, Virginia

www.loudoun.gov

Supervisor Stevens R. Miller, Dulles District

Board of Supervisors

1 Harrison Street, S.E., 5th Floor, P.O. Box 7000, Leesburg, VA 20177-7000

703/771-5069 • Fax 703/777-0421 • e-mail: stevens.miller@loudoun.gov

August 3, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Dear Dr. Hatrick and School Board Members,

As the Supervisor for the fastest-growing, most populous district in Loudoun County, I am acutely aware of the need for our local government to consider every reasonable option for accommodating our explosive public school population increase. Loudoun Math & IT Academy charter school represents a potentially valuable component of the overall structure and offerings of Loudoun County Public Schools.

I would strongly support giving Loudoun Math & IT Academy full consideration of their potential to be a cost-effective alternative to our existing capital and operating models.

Sincerely,



Tel: 571-323-5300
Fax: 703-787-8859
730 Elden Street, PO Box 327
Herndon, VA 20170

info@dullesregionalchamber.org
www.dullesregionalchamber.org

August 15, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Dear Dr. Hatrick and Members of the School Board:

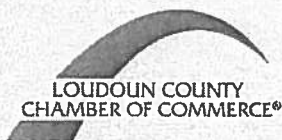
I am writing this letter to formally express the strong support of the Dulles Regional Chamber of Commerce for the Loudoun Math & IT Academy's application for a charter school in Loudoun County. I have met with the founders of the Academy and am very impressed with their commitment to innovation and excellence.

Our Chamber has made the workforce of tomorrow one of our key concentrations. We believe that STEM education is imperative to our nation's continued leadership in a global world and we encourage every initiative that can further enhance our students' capabilities in the STEM subjects. The Loudoun Math and IT Academy would be a model that could not only accomplish this but would stand as a model for other schools to emulate.

While we have not reviewed the Academy's application, we support the concept of their school wholeheartedly, and hope that you will work with the founders to achieve a favorable outcome for all.

Sincerely,

Eileen D. Curtis
President, DRCC



August 12, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Members of the Loudoun County School Board:

On behalf of the Board of Directors of the Loudoun County Chamber of Commerce, I submit this letter concerning the Loudoun Math & IT Academy's application for a charter school in Loudoun County.

The Loudoun County Chamber of Commerce has long advocated for the resources and policies that will support excellence in the County's K-12 education systems, both public and private. A high performing education system will ensure our students are equipped with the skills, training and knowledge necessary to become productive lifelong members of our nation's workforce, which is vital to the future prosperity and quality of life in our community and in our nation.

To support our policy priorities, the Chamber endorses a number of different initiatives. These include support for innovative approaches to supplement traditional education programs, such as through public charter schools and magnet schools in Loudoun County.

Also, the Loudoun County Chamber recognizes the importance of improving Science, Technology, Engineering and Mathematics (STEM) education, to ensure today's students are well prepared to enter tomorrow's workforce with the skills to compete in a global economy. During the previous legislative session of the Virginia General Assembly, the Loudoun Chamber was a staunch advocate for Governor McDonnell's plans to increase STEM-related college degrees by 100,000 over the next several years.

Recently, I met with leaders of Loudoun Math & IT Academy and was impressed with their ideas for a STEM-focused Charter School to Loudoun County. Their idea for the Loudoun Math & IT Academy is to provide middle and high school students a focused education in the STEM subjects, improving their skills in the areas that are most-important to our nation's economic and technological future.

Based on our positions and what we see as leaders of the Loudoun business community, we believe our community would benefit significantly from a math and IT-focused charter school. While the Loudoun County Chamber of Commerce does not endorse applications or proposals made by private groups to government entities, I do believe the stated aims of the Loudoun Math & IT Academy's organizers is consistent with the policies and objectives endorsed by the Chamber's Board of Directors.

I look forward to seeing the Loudoun Math & IT Academy's charter application receive thorough consideration and I am available to offer any additional information on Chamber's position on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Tony", is written over a horizontal line.

Tony Howard
President & CEO

cc: Superintendent Dr. Ed Hatrick

Physical Address:
19301 Winmeade Drive, Suite 210
Lansdowne, VA 20176

Mailing Address:
P.O. Box 1298
Leesburg, VA 20177-1298

703 777 2176
703 777 1392 fax
www.loudounchamber.org



Fortessa[®]
"Leading the Way in Tableware"[™]



August 18, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Dear Dr. Hatrick and Members of the School Board:

I am writing this letter to express my support for the Loudoun Math & IT Academy's application for a charter school in Loudoun County. I have met with one of the founders of the Academy and I found his track record of success as well as his concept for Loudoun to be compelling.

Fortessa proudly supports LCPS because we know the importance of human capital to our future business, our broader community, and our nation as a whole. We have shown this commitment as a founding participant in the George Washington University Teachers in Industry Program. We have contributed product for use at the Monroe Academy, as well as participated in Monroe's foreign exchange student program. We also regularly support events such as science fairs and the Loudoun Youth leadership development program. I point these things out by way of illustrating Fortessa's commitment to and respect for LCPS.

In my view, LCPS should continue its record of leadership and innovation. I believe the Academy has the potential to be another instance of such innovation. I also believe that the success of Charter schools in other communities makes a strong case for the desirability of establishing such a school in Loudoun.

I urge you to give the Academy and its application your full consideration.

Sincerely,

Scott M. Hamberger
CEO, Co-President
Fortessa, Inc.

July 20, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Dear Dr. Hatrick and Members of the School Board:

I am writing in support for the creation of the Loudoun Math & IT Academy charter school in Loudoun County. I have met with the founders of the proposed school and I'm convinced that what they are proposing will be a valuable asset to our community and the Commonwealth.

As you know I, as well as a number of my colleagues, have made STEM education a priority item among our legislative objectives. I have participated directly in a number of STEM educational activities and believe that the Loudoun Math and IT Academy will be a major contributor to addressing our burgeoning STEM education needs.

It is my hope that the Loudoun Math and IT Academy will be given every consideration in the application process. Please feel free to call me if you have would like to discuss the matter.

Very truly yours,

Joe T. May



COMMONWEALTH OF VIRGINIA
HOUSE OF DELEGATES
RICHMOND

THOMAS DAVIS RUST
HERNDON TOWN HALL
730 ELDEN STREET
HERNDON, VIRGINIA 20170
EIGHTY-SIXTH DISTRICT

COMMITTEE ASSIGNMENTS:
COMMERCE AND LABOR
EDUCATION
TRANSPORTATION
SCIENCE AND TECHNOLOGY

April 13, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Dear Dr. Hatrick and Members of the School Board:

I am writing this letter to formally express my support of the Loudoun Math & IT Academy's application for a charter school in Loudoun County. I have met with the founders of Loudoun Math & IT Academy and impressed with their determination and commitment. I am confident this will be a successful school providing an invaluable choice for the Loudoun's youth.

As a middle and high school focusing on mathematics and information technologies in the area, it will give our students the opportunity to obtain a thorough and challenging education in STEM fields that are so important to our economic and technological future. This thrust in STEM is in complete accord with the intent of the Governor and General Assembly to increase graduates in these important fields, as we are falling behind in the production of graduates with skills in the STEM fields.

The founders sought the advice and support of community groups and leaders to help them get the school started successfully. Moreover, they have demonstrated enthusiasm and great willingness to work with Loudoun County Public Schools (LCPS) to establish a cooperative working relationship.

I support their application and urge you to look favorably on Loudoun Math & IT Academy's charter application.

Sincerely,

Thomas Davis Rust



COMMONWEALTH OF VIRGINIA
HOUSE OF DELEGATES
RICHMOND

Thomas A. "Tag" Greason

POST OFFICE BOX 651293
POTOMAC FALLS, VIRGINIA 20165
THIRTY-SECOND DISTRICT

COMMITTEE ASSIGNMENTS:
EDUCATION
FINANCE
GENERAL LAWS

March 28, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Dear Dr. Hatrick and Members of the School Board:

I am writing this letter to formally express my strong support of the Loudoun Math & IT Academy's application for a charter school in Loudoun County. I have met with the founders of Loudoun Math & IT Academy and was very impressed with their determination and commitment. I am fully confident that this will be a successful school providing an invaluable choice for Loudoun's youth.

As a middle and high school focusing on mathematics and information technologies in the area, it will give our students the opportunity to obtain a thorough and challenging education in STEM fields that are so important to our economic and technological future.

The founders sought the advice and support of community groups and leaders to help them get the school started successfully. Moreover, they have demonstrated enthusiasm and great willingness to work with Loudoun County Public Schools (LCPS) to establish a cooperative working relationship.

And while I have not reviewed their application, I support the concept of their school wholeheartedly, and strongly urge you to work with the founders to achieve a favorable outcome for all the parties!

Sincerely,

A handwritten signature in black ink that reads "Thomas A. 'Tag' Greason" with a stylized flourish at the end.

Thomas A. "Tag" Greason



COMMONWEALTH OF VIRGINIA
HOUSE OF DELEGATES
RICHMOND

JAMES M. LEMUNYON
POST OFFICE BOX 220962
CHANTILLY, VIRGINIA 20153-0962

SIXTY-SEVENTH DISTRICT

COMMITTEE ASSIGNMENTS:
EDUCATION
COUNTIES, CITIES AND TOWNS
SCIENCE AND TECHNOLOGY

April 27, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Dear Dr. Hatrick and Members of the School Board:

I write to share my support for the Loudoun Math & IT Academy's application to establish a STEM charter school in Loudoun County. The founding members have given considerable attention to creating a valuable educational opportunity for Loudoun County students. I am impressed with their application and appreciate their dedication to establish a math and science-focused school in our community.

Loudoun Math & IT will provide students an opportunity to pursue interests in science and math more specifically than a traditional classroom setting can provide. This charter school will continue to set Northern Virginia apart and will allow our children to receive the most advanced and hands-on education possible. As someone who received college degrees in math and science, I am aware of how important it is for young people to be encouraged in their interests at an early age.

The founders have demonstrated enthusiasm, vision, and great willingness to work with Loudoun County Public Schools to create additional STEM education opportunities. I hope you will give their application every consideration.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jim", written over the printed name "James M. Lemunyon".

James M. Lemunyon



August 8, 2011

Loudoun County School Board
21000 Education Court
Ashburn, VA 20148

Dear Dr. Hatrick and Members of the School Board:

I am writing this letter to formally express my strong support of the Loudoun Math & IT Academy's application for a charter school in Loudoun County. I have met with the founders of the Academy and am very impressed with their commitment to innovation and excellence.

Having spent the last six years developing and teaching STEM programs to more than 80,000 young kids in the Northern Virginia area, I know first-hand that Loudoun is full of kids who would flourish given the opportunity to enroll in a full-time STEM academy. While our county offers wonderful STEM programming already, this would be a tremendous addition and allow many more kids to pursue their interest in STEM fields.

I have not reviewed the Academy's application, but I support the concept of their school wholeheartedly, and hope that you will work with the founders to achieve a favorable outcome for all.

Sincerely,

Mary Porter Green
Founder & President
Curiosity Zone



June 3, 2011

Jim Courter
Chairman

Merrick Carey
Chief Executive Officer

Loren Thompson
Chief Operating Officer

Don Soifer
Executive Vice President

Daniel Gouré
Phillip Peters
Vice Presidents

Lisanne Boling
Monica Kern
Program Directors

Dr. Ali Bicak
Loudoun Math & IT Academy
PO Box 651206
Potomac Falls, VA 20165

Dear Dr. Bicak:

Congratulations on the fine progress you have made developing plans for Loudoun Math & IT Academy. I strongly believe that establishing such a public charter school in Loudoun County would represent a welcome and valuable option for families, and would reflect very favorably on education in Northern Virginia generally.

The impressive record of success Chesapeake Science Point PCS has established as Maryland's highest-achieving charter school attests to the credentials and credibility of your founding group, and represents a model well worth replicating. The focus you have proposed here, emphasizing the increasing role of computers and technology while offering a rigorous foundational education, with a broader curriculum aligned with the Virginia Standards of Learning, would serve Loudoun public education well. Further, the advanced placement opportunities you will offer would likely attract diverse families from across the community.

I wish you the best of luck in your endeavor. Please let me know how I might be of assistance moving forward.

Best regards,


Don Soifer
Executive Vice President

August 18, 2011

Dr. Edgar B. Hatrick III
Loudoun County Schools
21000 Education Court
Ashburn, VA 20148

Re: Loudoun Math & IT Academy
Arcola Center

Dear Dr. Hatrick:

It is with great pleasure that I am writing this letter to you to advise you not only of Buchanan Partners' support for the Loudoun Math & IT Academy's (LMITA) application for a charter school in Loudoun County, but also of our intent to work with the LMITA to design a facility and agree to business terms in the hope that they will make their charter school facility a part of our Arcola Center mixed-use project in the Dulles South area of Loudoun County.

To date we have had multiple meetings with the representatives of LMITA, and they feel that the Arcola Center project's scope, location and timing fit very well with the requirements and preferences that they have identified for their Loudoun County facility, including the following:

- Timing of initial school opening
- Freestanding building preference
- Initial 30,000 SF requirement with expansion capability to 70,000 SF
- Location in a safe and growing community with good schools
- Central location between existing Brambleton, Stone Ridge and South Riding communities
- Mixed-use environment near established transportation corridors
- Established and reputable developer/owner

For our part, we have been impressed with the LMITA representatives, their experience and success in creating other schools, and their knowledge of both their business of education and their real estate business. With respect to the project, we have just broken ground on our initial infrastructure and the initial residential phases. Subsequent retail and commercial phases are currently under design and approval. We do have site plan approval and will obtain initial commercial building permits for 150,000

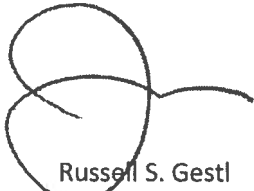
SF in the first quarter of 2012, which will allow us to respond quickly to market requirements for space. This approved site plan could include the free standing facilities for LMITA.

Attached please find an overall illustrative plan for Arcola Center that identifies the different components of the project. Infrastructure work is underway in the Residences at Main Street section, and initial commercial and retail phases will be in the Shops and Business Park areas, and we would hope to include the LMITA facility in the Business Park. For your reference, as indicated on the plan, your future 2 story LCPS elementary school will be located in the future Village area of the project.

Please feel free to call or email with any questions or if you need any other information in order to process the LMITA applications. I can be reached at 301-674-5870 or r.gestl@buchananpartners.com.

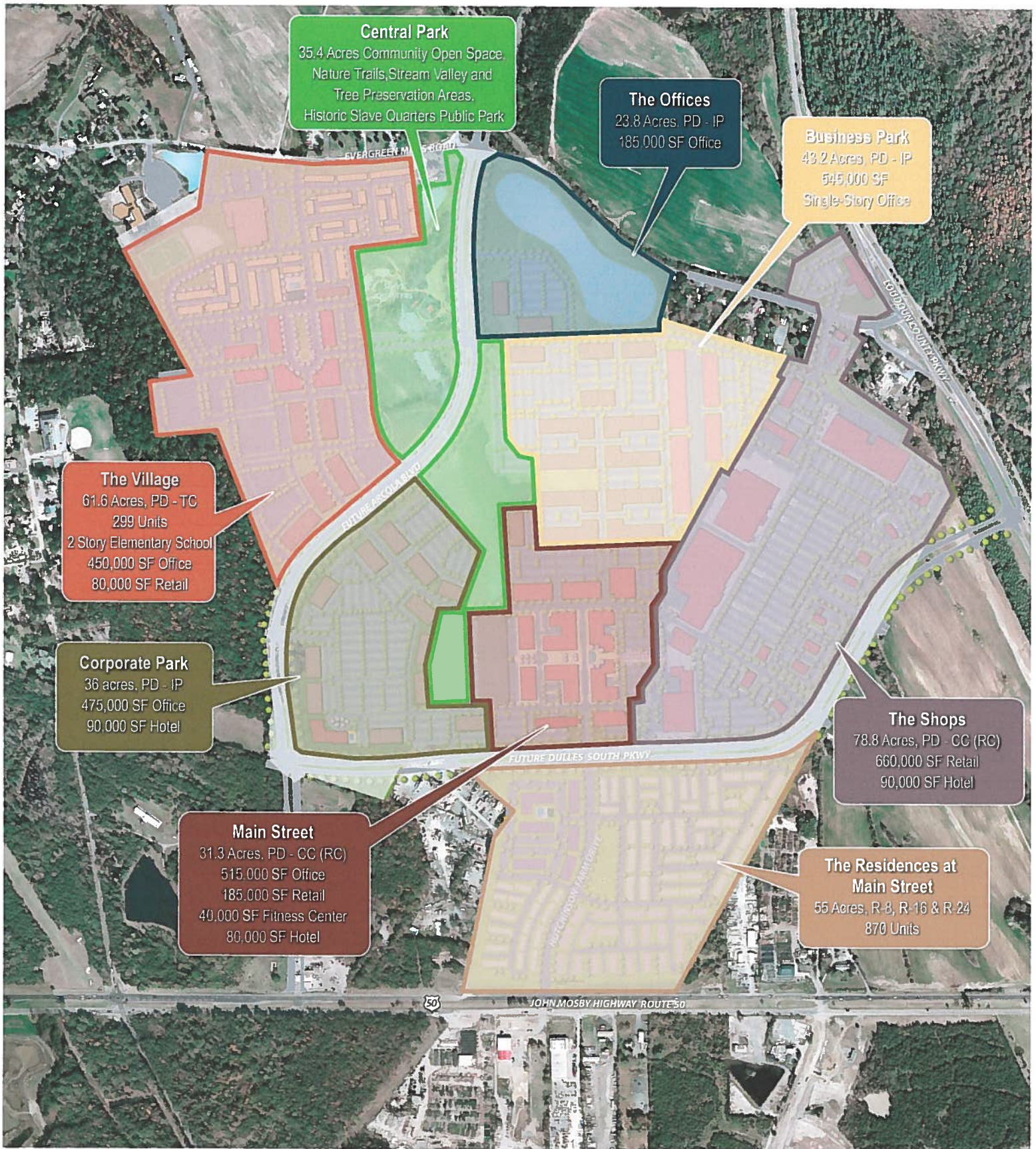
Sincerely,

Buchanan Partners LLC

A handwritten signature in black ink, consisting of a large, stylized 'R' followed by a horizontal line.

Russell S. Gestl
Executive Vice President

Cc: Ali Bicak, Loudoun Math and IT Academy



1/23/2012

Appendix F (1 of 6)**Loudoun Math & IT Academy****Pre-Operational Budget**

Revenue-Sources of Funding	Amount	Specific Source
Federal or State Funding		
Start-Up Grant	\$150,000.00	
Other (specify)	\$0.00	
Other Financing Sources		
Lines of Credit	\$0.00	
Contributions	\$0.00	
Other (specify)	\$0.00	
Total Revenue	\$150,000.00	
BUDGET PLAN IF FEDERAL GRANT NOT AWARDED		
\$150,000 loan will be received in the first year to be paid in 5-year term starting in the third year with %9 interest rate. (\$37,365 of annual payments).		
Expenditures	Amount	Assumptions (e.g., 40 hours of consulting at \$100/hour)
Legal Fees	\$15,000.00	75 hours of legal services at \$200/hour Legal advise for rent and charter contract
Accounting and Consultation Fees	\$12,000.00	120 hours of accounting and consultation services at \$100/hour CPA and financial consultation
Marketing (including postage, printing)	\$15,000.00	7500 fliers at \$2.00 each including printing and postage
Recruitment-Students	\$5,000.00	5 open house \$1,000 each including rent, advertisement, and refreshments
Recruitment-Staff	\$5,000.00	5 newspaper and online advertisement \$1,000 each
Curriculum Development	\$25,000.00	IT based school model and curriculum development
Staff/Board Development	\$4,000.00	Membership and conference fees for the founding group
Staff Stipends	\$30,000.00	Executive Director and Administrative Assistant part time salary for 3 months
Equipment and Supplies	\$10,000.00	Office Furniture for the Executive Director and Administrative Assistant
Information Technology	\$6,000.00	Personal computers, projector and printers for the Executive Director and Administrative Assistant
Rent	\$15,000.00	Office for executive director pre-opening rent, 3-5 months
Capital	\$0.00	
Utilities	\$2,000.00	Utilities for the school facility, 3-5 months
Telephone/Fax	\$3,000.00	Telephone and internet access, 3-5 months
Travel	\$3,000.00	Travel expenses for open houses, conferences, meetings, etc.
Other (specify)	\$0.00	
Total Revenues	\$150,000.00	

1/23/2012

Appendix F (2 of 6)

Loudoun Math & IT Academy Classroom and Lab Setup

Classroom Furniture

	Unit Cost	Total Cost	Reference
Smart Board	\$ 999.00	\$ 999.00	http://www.projectorcentral.com/portable-computer-projectors.htm
Teacher Laptop/T	\$ 999.00	\$ 999.00	http://shopper.cnet.com/buy-laptops/
Speakers	\$ 99.99	\$ 99.99	http://www.besibuy.com/site/olspace.jsp?skuld=7933686&type=product&id=1151657980013
Student Desks	\$ 108.95	\$ 2,723.75	http://www.hertzfurniture.com/Student-Chair-Desks--Jumbo-Top-Combo-Chair-Desk--1020--pr.html
Teacher Desk	\$ 395.00	\$ 395.00	http://www.hertzfurniture.com/Teacher-Desks--Steel-Single-Pedestal-Teachers-Desk--4424--mo.html
Teacher Chair	\$ 76.95	\$ 76.95	http://www.hertzfurniture.com/Teacher-Chairs--Padded-Swivel-Chair--6684--mo.html
White Board	\$ 247.00	\$ 494.00	http://www.hertzfurniture.com/Whiteboards--Markerboards--Steel-Whiteboard-with-Aluminum-Frame--1703--mo.html
Cork Boards	\$ 89.00	\$ 267.00	http://www.hertzfurniture.com/Bulletin-Tack-Boards--Wood-Frame-Cork-Board--1040--mo.html
Bookcase	\$ 479.00	\$ 479.00	http://www.hertzfurniture.com/Storage-Cabinets--Mobile-Cabinet-Full-Height--934--mo.html
Filing Cabinets	\$ 149.00	\$ 149.00	http://www.hertzfurniture.com/Filing-Cabinets--2-Drawer-Letter-Standard-File--1647--mo.html
Trash bins	\$ 6.99	\$ 13.98	http://www.staples.com/office/supplies/p1_Hubbermaid-Plastic-Wastebaskets-Beige-7-
Cart	\$ 76.00	\$ 76.00	http://www.hertzfurniture.com/AV-Carts--Open-Sheer-Tuffy-Cart--917--mo.html
TOTAL		\$ 6,772.67	total cost for one regular classroom

Computer Labs

Item	Unit Cost	Total Cost	Reference
Smart Board	\$ 999.00	\$ 999.00	http://www.projectorcentral.com/portable-computer-projectors.htm
Computers	\$ 699.00	\$ 9,087.00	http://shopper.cnet.com/buy-desktop-computers/
Computer Tables	\$ 397.00	\$ 9,925.00	http://www.hertzfurniture.com/Computer-Tables--Flip-Top-Computer-Workstation-Fixed-Height--4727--mo.html
Computer Chairs	\$ 42.95	\$ 1,073.75	http://www.hertzfurniture.com/Student-Chairs--120-Series-Poly-Chair-with-Book-Basket--1291--pr.html
TOTAL		\$ 20,085.75	total cost for one computer lab

Science Labs

	Unit Cost	Total Cost	Reference
Smart Board	\$ 999.00	\$ 999.00	http://www.projectorcentral.com/portable-computer-projectors.htm
Student Stools	\$ 32.00	\$ 800.00	http://www.hertzfurniture.com/Non-Swivel-Stools--6000-Series-Upholstered-Stools--1305--pr.html
Teacher Station	\$ 1,329.00	\$ 1,329.00	http://www.hertzfurniture.com/Science-Lab-Tables--Mobile-Instructors-Desk--2664--mo.html
Student Stations	\$ 3,699.00	\$ 22,194.00	http://www.hertzfurniture.com/Science-Lab-Tables--LabView-4-Station-Service-Center--2680--mo.html
Safety Cabinet	\$ 959.00	\$ 959.00	http://www.hertzfurniture.com/Flammable-Liquid-Cabinets--Freesanding-Cabinet-with-2-Shelves-60-Gal-Cap--2656--mo.html
Shower Eye Wash	\$ 1,639.00	\$ 1,639.00	http://www.hertzfurniture.com/Laboratory-Stations--Shower-Eye-Wash-Station--Wheelchair-Accessible--9150--mo.html
TOTAL		\$ 26,921.00	total cost for one science lab

Server Systems

	Total Cost	Components	Reference
Initial Setup	\$ 4,353.00	servers, firewall,	
Expansion Setup	\$ 4,353.00	servers,switches, wireless	

1/23/2012

Appendix F (3 of 6)**Loudoun Math &IT Academy-****Projected Revenues**

	2013-2014 Fiscal Year	2014-2015 Fiscal Year	2015-2016 Fiscal Year	2016-2017 Fiscal Year	2017-2018 Fiscal Year	2018-2019 Fiscal Year
Major Assumptions						
Student Enrollment	192	288	384	480	576	672
Facility Size for Rent Estimat	20000	30000	40000	50000	60000	70000
Average Teacher Salary	\$59,000.00	\$60,770.00	\$62,593.10	\$64,470.89	\$66,405.02	\$68,397.17
Student/Teacher Ratio	17.5	16.0	15.4	15.5	15.6	15.3

Revenues						
Revenue From Local Source						
Per Pupil Tuition	\$2,127,936.00	\$3,287,661.12	\$4,515,054.60	\$5,813,132.80	\$7,185,032.15	\$8,634,013.63
Fundraising	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Revenue From Federal Sources						
Special Ed,ELL,FRM, funds	\$212,793.60	\$328,766.11	\$451,505.46	\$581,313.28	\$718,503.21	\$863,401.36
Charter School Startup Grant	\$200,000.00	\$200,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Revenues	\$2,540,729.60	\$3,816,427.23	\$4,966,560.07	\$6,394,446.08	\$7,903,535.36	\$9,497,414.99

Loudoun Math & IT Academy - Operating Budget **Projected Expenditures—1 of 3**

	2013-2014 Fiscal Year	2014-2015 Fiscal Year	2015-2016 Fiscal Year	2016-2017 Fiscal Year
Expenditures				
School Administration				
Salaries and Wages - School Director	\$97,000.00	\$99,910.00	\$102,907.30	\$105,994.52
Salaries and Wages - Supervisors	\$243,000.00	\$250,290.00	\$345,853.40	\$356,229.00
Salaries and Wages - Clerical Staff	\$118,000.00	\$162,740.00	\$167,622.20	\$225,101.76
Fringe Benefits - Health Insurance	\$68,700.00	\$76,941.00	\$92,457.44	\$103,098.79
Fringe Benefits - Social Security + Life Benefits	\$36,319.40	\$40,676.14	\$48,879.16	\$54,504.89
Fringe Benefits - Retirement Benefits	\$58,440.80	\$65,451.14	\$78,650.46	\$87,702.71
Unemployment/Workers Compensation	\$2,290.00	\$2,564.70	\$3,081.91	\$3,436.63
Office Supplies	\$6,000.00	\$6,180.00	\$6,365.40	\$6,556.36
Information Technology	\$1,000.00	\$1,030.00	\$1,060.90	\$1,092.73
Subtotal - School Administration	\$630,750.20	\$705,782.99	\$846,878.17	\$943,717.39
Instructional Staff				
Salaries and Wages - Full-Time Teachers	\$655,000.00	\$1,100,040.00	\$1,591,350.00	\$2,025,915.86
Salaries and Wages - Part-Time or Substitute	\$10,000.00	\$17,510.00	\$22,660.00	\$28,840.00
Fringe Benefits - Health Insurance	\$99,750.00	\$167,632.50	\$242,101.50	\$308,213.38
Fringe Benefits - Social Security + Life Benefits	\$52,734.50	\$88,621.72	\$127,990.99	\$162,942.14
Fringe Benefits - Retirement Benefits	\$84,854.00	\$142,599.38	\$205,947.68	\$262,186.85
Unemployment/Workers Compensation	\$3,325.00	\$5,587.75	\$8,070.05	\$10,273.78
Subtotal - Instructional Staff	\$905,663.50	\$1,521,991.35	\$2,198,120.22	\$2,798,372.00
Instructional				
Special Ed, ELL, FRM	\$212,793.60	\$328,766.11	\$451,505.46	\$581,313.28
Purchased Educational Services	\$19,200.00	\$29,664.00	\$39,552.00	\$49,440.00
Professional Development	\$5,000.00	\$8,500.00	\$11,000.00	\$14,000.00
Student Assessment/Testing	\$2,112.00	\$3,168.00	\$4,224.00	\$5,280.00
Supplies/Materials - Instructional	\$19,200.00	\$29,664.00	\$39,552.00	\$49,440.00
Computer and Science Lab Setup	\$47,006.75	\$47,006.75	\$20,085.75	\$0.00
Classroom Setup	\$54,181.36	\$27,090.68	\$27,090.68	\$27,090.68
Textbooks (Traditional or Tablet/Ebook)	\$57,600.00	\$28,800.00	\$28,800.00	\$28,800.00
Information Technology	\$4,353.00	\$4,353.00	\$0.00	\$0.00
Computer Supplies and Repairs	\$5,000.00	\$5,150.00	\$5,304.50	\$5,463.64
Library	\$9,600.00	\$14,400.00	\$19,200.00	\$24,000.00
Subtotal - Instructional	\$436,046.71	\$526,562.54	\$646,314.39	\$784,827.60

Loudoun Math & IT Academy - Operating Budget
Projected Expenditures-2
of 3

	2013-2014 Fiscal Year	2014-2015 Fiscal Year	2015-2016 Fiscal Year	2016-2017 Fiscal Year
	\$1,972,460.41	\$2,754,336.87	\$3,691,312.78	\$4,526,916.99
Expenditures, continued				
Business Services				
Accounting	\$10,800.00	\$11,124.00	\$11,457.72	\$11,801.45
Advertising	\$5,000.00	\$5,150.00	\$5,304.50	\$5,463.64
Public Relations/Marketing	\$5,000.00	\$5,150.00	\$5,304.50	\$5,463.64
Insurance - General Liability	\$10,200.00	\$10,506.00	\$10,821.18	\$11,145.82
Office Expenses	\$3,000.00	\$3,090.00	\$3,182.70	\$3,278.18
Fees, Licensing, Dues, and Memberships	\$3,000.00	\$3,090.00	\$3,182.70	\$3,278.18
Purchased Management Services	\$1,000.00	\$1,030.00	\$1,060.90	\$1,092.73
Postage and Shipping	\$3,000.00	\$4,635.00	\$6,365.40	\$8,195.45
Printing	\$10,000.00	\$15,450.00	\$21,218.00	\$27,318.18
Telephone	\$6,000.00	\$6,180.00	\$6,365.40	\$6,556.36
Travel	\$1,200.00	\$1,236.00	\$1,273.08	\$1,311.27
Subtotal - Business Services	\$58,200.00	\$66,641.00	\$75,536.08	\$84,904.89
Operations and Maintenance				
Contact Labor - Non-Instructional	\$6,000.00	\$6,180.00	\$10,000.00	\$10,300.00
Custodial Services	\$10,000.00	\$15,000.00	\$20,000.00	\$25,000.00
Supplies/Materials - Maintenance	\$3,000.00	\$4,500.00	\$6,000.00	\$7,500.00
Subtotal - Operations and Maintenance	\$19,000.00	\$25,680.00	\$36,000.00	\$42,800.00
Physical Plant				
Rent	\$200,000.00	\$300,000.00	\$400,000.00	\$500,000.00
Utilities	\$20,000.00	\$30,900.00	\$31,827.00	\$40,977.26
Subtotal - Physical Plant	\$220,000.00	\$330,900.00	\$431,827.00	\$540,977.26
Student Services				
Health (school nurse included in staffing)	\$0.00	\$0.00	\$0.00	\$0.00
Transportation	\$96,000.00	\$115,200.00	\$153,600.00	\$192,000.00
Food	\$0.00	\$0.00	\$0.00	\$0.00
Subtotal - Student Services	\$96,000.00	\$115,200.00	\$153,600.00	\$192,000.00

Loudoun Math & IT Academy - Operating Budget
**Projected Expenditures-3
of 3**

	2013-2014 Fiscal Year	2014-2015 Fiscal Year	2015-2016 Fiscal Year	2016-2017 Fiscal Year
	\$2,365,660.41	\$3,292,757.87	\$4,388,275.86	\$5,387,599.14
Expenditures, continued				
Miscellaneous				
Audit	\$0.00	\$10,000.00	\$8,500.00	\$8,755.00
Advertising	\$2,000.00	\$2,060.00	\$2,121.80	\$2,185.45
Dues and Subscriptions	\$2,000.00	\$2,060.00	\$2,121.80	\$2,185.45
Workshops and Conferences	\$3,000.00	\$3,090.00	\$3,182.70	\$3,278.18
Legal	\$6,000.00	\$6,180.00	\$6,365.40	\$6,556.36
Loan Payment (in case grant not awarded)	\$0.00	\$0.00	\$37,365.00	\$37,365.00
Contingency Fund (3%)*	\$71,359.81	\$99,484.44	\$132,317.03	\$162,316.79
Subtotal - Miscellaneous	\$84,359.81	\$122,874.44	\$191,973.73	\$222,642.24
Total Expenditures	\$2,450,020.22	\$3,415,632.31	\$4,580,249.59	\$5,610,241.38

Beginning Balance	\$0.00	\$90,709.38	\$491,504.30	\$877,814.78
Net Surplus / Deficit	\$90,709.38	\$400,794.92	\$386,310.48	\$784,204.70
Ending Balance	\$90,709.38	\$491,504.30	\$877,814.78	\$1,662,019.48

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1/23/2012 Appendix F (6 of 6)

Loudoun Math & IT Academy - Cash Flow Projections **Cashflow**

Loudoun Math & IT Academy - Cash Flow Projections **Cashflow**

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Loudoun Math & IT Academy - Cash Flow Projections

Loudoun Math & IT Academy - Cash Flow Projections

	FY 14	Jul'13	Aug'13	Sept'13	Oct'13	Nov'13	Dec'13	Jan'14	Feb'14	Mar'14	Apr'14	May'14	Jun'14	
Expenditures														
School Administration														
Salaries and Wages - School Director	\$97,000.00	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	
Salaries and Wages - Supervisors	\$243,000.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	
Salaries and Wages - Clerical Staff	\$118,000.00	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	\$9,833.33	
Fringe Benefits - Health Insurance	\$68,700.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	\$5,725.00	
Fringe Benefits - Social Security + Life Benefits	\$36,319.40	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	\$3,026.62	
Fringe Benefits - Retirement Benefits	\$58,440.80	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	\$4,870.07	
Unemployment/Workers Compensation	\$2,290.00	\$190.83	\$190.83	\$190.83	\$190.83	\$190.83	\$190.83	\$190.83	\$190.83	\$190.83	\$190.83	\$190.83	\$190.83	
Office Supplies	\$6,000.00	\$2,000.00	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	
Information Technology	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Subtotal - School Administration	\$630,750.20	\$54,979.18	\$52,342.82	\$52,342.82	\$52,342.82	\$52,342.82	\$52,342.82	\$52,342.82	\$52,342.82	\$52,342.82	\$52,342.82	\$52,342.82	\$52,342.82	
Instructional Staff														
Salaries and Wages - Full-Time Teachers	\$655,000.00	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	\$54,583.33	
Salaries and Wages - Part-Time or Substitutes	\$10,000.00	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	
Fringe Benefits - Health Insurance	\$99,750.00	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	\$8,312.50	
Fringe Benefits - Social Security + Life Benefits	\$52,734.50	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	\$4,394.54	
Fringe Benefits - Retirement Benefits	\$84,854.00	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	\$7,071.17	
Unemployment/Workers Compensation	\$3,325.00	\$277.08	\$277.08	\$277.08	\$277.08	\$277.08	\$277.08	\$277.08	\$277.08	\$277.08	\$277.08	\$277.08	\$277.08	
Subtotal - Instructional Staff	\$905,663.50	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	\$75,471.96	
Instructional														
Special Ed, ELL, FRM	\$212,793.60	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	
Purchased Educational Services	\$19,200.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	
Professional Development	\$5,000.00	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	
Student Assessment/Testing	\$2,112.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	
Supplies/Materials - Instructional	\$19,200.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	
Classroom Furniture	\$54,181.36	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	
Textbooks (Traditional or Tablet/Ebook)	\$57,600.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	
Information Technology	\$4,353.00	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	
Computer Supplies and Repairs	\$5,000.00	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	
Library	\$9,600.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	
Subtotal - Instructional	\$389,039.96	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	

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Loudoun Math & IT Academy - Cash Flow Projections **Cashflow**

Cashflow

[illegible]

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Appendix F (6 of 6)

Loudoun Math & IT Academy - Cash Flow Projections

Cashflow

[illegible]

Loudoun Math & IT Academy**Expenditure Assumptions -
of 2**

FY / Grades	# Classes	2013-2014	2014-2015	2015-2016	2016-2017	2018-2019	2019-2020
	Per Grade Level	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year
6	4	96	96	96	96	96	96
7	4	96	96	96	96	96	96
8	4		96	96	96	96	96
9	4			96	96	96	96
10	4				96	96	96
11	4					96	96
12	4						96
Enrollment		192	288	384	480	576	672
Special Ed.	10%	19.2	28.8	38.4	48	57.6	67.2

# Teachers		10	17	22	28	33	39	WABE11 PG37
	Avg. Salary	\$ 59,000.00	\$ 60,770.00	\$ 62,593.10	\$ 64,470.89	\$ 66,405.02	\$ 68,397.17	Page 312 LCPS FY12 Teachers' Salary Scale
# Special Ed.		1	1	2	2	3	3	
	Avg. Salary	\$ 65,000.00	\$ 66,950.00	\$ 68,958.50	\$ 71,027.26	\$ 73,158.07	\$ 75,352.81	Page 314 LCPS FY12 Special Ed Counselor Scale
# Counselor		0	0	1	1	1	2	
	Avg. Salary	\$ 72,000.00	\$ 74,160.00	\$ 76,384.80	\$ 78,676.34	\$ 81,036.63	\$ 83,467.73	Page 314 LCPS FY12 Psychologist / Counselor Scale
# Instructional Staff (FTE)		11	18	25	31	37	44	
		17.5	16.0	15.4	15.5	15.6	15.3	
# Custodian		1	1	1	1	1	1	
	Avg. Salary	\$ 30,000.00	\$ 30,900.00	\$ 31,827.00	\$ 32,781.81	\$ 33,765.26	\$ 34,778.22	Page 316 LCPS FY12 Custodian (Level 5) Scale
# LPN		1	1	1	2	2	2	
	Avg. Salary	\$ 48,000.00	\$ 49,440.00	\$ 50,923.20	\$ 52,450.90	\$ 54,024.42	\$ 55,645.16	Page 317 LCPS FY12 School Nurse (Level 16) Scale
# Secretary		1	2	2	2	3	3	
	Avg. Salary	\$ 40,000.00	\$ 41,200.00	\$ 42,436.00	\$ 43,709.08	\$ 45,020.35	\$ 46,370.96	Page 317 LCPS FY12 Secretary III (Level 13) Scale
# Business Manager		1	1	1	1	1	1	
	Avg. Salary	\$ 65,000.00	\$ 66,950.00	\$ 68,958.50	\$ 71,027.26	\$ 73,158.07	\$ 75,352.81	Page 317 LCPS FY12 Financial Analyst (Level 16)
# Deans		1	1	2	2	2	2	
	Avg. Salary	\$ 83,000.00	\$ 85,490.00	\$ 88,054.70	\$ 90,696.34	\$ 93,417.23	\$ 96,219.75	Page 323 LCPS FY12 Administrator Salary (Level 2)
# Principal		1	1	1	1	1	1	
	Avg. Salary	\$ 95,000.00	\$ 97,850.00	\$ 100,785.50	\$ 103,809.07	\$ 106,923.34	\$ 110,131.04	Page 323 LCPS FY12 Administrator Salary (Level 5)
# Executive Director		1	1	1	1	1	1	
	Avg. Salary	\$ 97,000.00	\$ 99,910.00	\$ 102,907.30	\$ 105,994.52	\$ 109,174.35	\$ 112,449.59	

# Administration (FTE)	7	8	9	10	11	11
Student / Staff Ratio	10.67	11.08	11.29	11.71	12.00	12.22
Per Pupil Amount	\$ 11,083.00	\$ 11,415.49	\$ 11,757.95	\$ 12,110.69	\$ 12,474.01	\$ 12,848.23
Special Ed. Per Pupil	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Estimated Per Pupil Cost Based on FY12 Budget	
Instruction	\$8,615
Operation & Maintenance	\$999
Pupil Transportation	\$788
Administration	\$242
Technology	\$260
Attendance & Health	\$137
Facilities	\$42
FY12 Estimated Cost Per	\$11,083

10% Special Ed, ELL, FMR is assumed per the current LCSP demographics

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Loudoun Math & IT Academy

Expenditure Assumptions - 2 of 2

Student/Teacher Ratio	16
Student/Classroom Ratio	22
AVERAGE Health Insurance	15.00%
Social security + Life Benefits (FICA, Life)	7.93%
Retirement Benefits (Virginia Retirement System VRS)	12.76%
W/C	0.50%
Annual sick leave days	10
Substitute pay per day	\$ 100.00
Textbooks per student	\$ 300.00
Supply per student	\$ 100.00
Rent per squarefoot	\$ 10.00

2011 WABE Report Page 46
Page 331 on LCPS – FY12 Budget
Page 331 on LCPS – FY12 Budget
Page 331 on LCPS – FY12 Budget
Per LCPS Personnel Leave Benefits

Salaries and Wages - School Director	Executive Director
Salaries and Wages - Supervisors	Principal, Assistant Principal, Financials and Records Manager
Salaries and Wages - Clerical Staff	Administrative Assistant, Secretary
Fringe Benefits - Health Insurance	18% of base salary per WABE Report 2011
Fringe Benefits - Social Security	(7.65+0.28)% Fica+Life
Fringe Benefits - Retirement Benefits	(7.76+5.00)% Virginia Retirement System (VRS)
Workers Compensation	0.50%
Office Supplies	Stationary, \$500.00 per month
Equipment and Furniture	Included in the start-up budget
Information Technology	Computer hardware and software licenses
Purchased Management Services	Professional Development Services

Salaries and Wages - FT Teachers	\$59,000.00 average salary with 16 student/teacher ratio
Salaries and Wages - PT Teachers	None
Salaries and Wages - Substitutes	10 days per teacher per day, \$100.00/day substitute salary
Fringe Benefits - Health Insurance	18% of base salary per WABE Report 2011
Fringe Benefits - Retirement Benefits	(7.65+0.28)% FICA+Life
Workers Compensation	0.50%
Consultants	12 hours/month, \$100.00/hour consultation cost
Purchased Management Services	\$100.00 per student
Professional Development	\$1,000.00/department; Math, Science, Technology, Social Studies, Language Arts
Special Education	The same amount as the estimated federal entitlement
Student Assessment/Testing	Purchased testing services
Supplies/Materials - Instructional	\$100.00 per student
Classroom Furniture	As computed in classroom and lab setup worksheet
Textbooks	\$300.00 per student
Information Technology	As computed in classroom and lab setup worksheet
Computer Supplies and Repairs	Computer Software License and Maintenance
Library	\$50 per student for online subscription fee

Retirement: Virginia Retirement System (VRS) - All full-time employees are covered. The school system will pay 7.76% of the base salary for all full-time instructional/professional personnel and 7.77% of the base salary for all non-prof covered employees. The employees' 5.00% share is also paid by the school system.

Social Security: The school system pays 7.65% of all taxable wages for each covered employee per calendar year.

Group Life Insurance: Each employee covered under the Virginia Retirement System receives life insurance protection equal to twice his or her annual salary with double indemnity provision. The school system will pay 0.28% of the base salary for all covered employees

Group Health Insurance: All full-time employees are eligible to participate in the Point-of-Service (POS) plan. This single plan offers all employees the flexibility of using in-plan options (HMO) or out-of-plan options (INDEMNITY).

Tort Liability Insurance protects all employees and School Board members against losses and expenses that occur when claims or suits are brought against them for a wrongful act based on an error or omission, negligence, breach of duty, misstatement, or misleading statement.

Workers' Compensation: All employees are provided workers' compensation benefits for bodily injury by accident or bodily injury by disease that are caused or aggravated by conditions of employment. Payments will be made to or on behalf of employees for medical expenses and for lost wages.

Vacation and/or sick leave are provided each full-time employee in accordance with the current personnel policies.

Loudoun Math and IT Academy Responses to DoE Staff Review Comments

II. Mission Statement

The mission statement of the public charter school is consistent with the principles of the Standards of Quality (SOQ). The following elements are addressed:

1. A description of the public charter school's mission and how it is consistent with the principles of the Virginia SOQ. (Section 22.1-253.13:1, *Code of Virginia*)

Does the response meet the criterion? YES

Comment: The narrative states that the program would be aligned with the Standards of Quality. Additional information about how the application aligns with the Standards of Quality would be helpful.

Our mission is aligned with the Virginia Standards of Quality (SOQ) Section 22.1-253.13:1, based on what follows.

LMITA will provide an appropriate working environment for its instructional staff and a learning environment designed to promote student achievement. Moreover, per the Standards of Learning, LMITA will provide its students with the basic skills of communication, computation and critical reasoning, especially proficiency in the use of computers and related technology.

Furthermore, LMITA will follow the program of instruction developed by Loudoun County Public Schools, with a special emphasis on mathematical concepts and computations, use of computers and related technology, and scientific concepts and processes. Besides, LMITA will implement programs of prevention, intervention, or remediation for students who are educationally at risk including, but not limited to, those who fail to achieve a passing score on any Standards of Learning assessment in grades 6-12.

LMITA will provide the knowledge of various technical careers to its students according to a career education program that is spread over years. This program introduces various forms of employment opportunities, which are not limited to salaried full time positions, but also include starting up and owning a small business, as well as apprenticeships and internships. The main target of this program is to give the students the notion that they will have a variety of choices when they complete school if they furnish themselves with marketable skills by the time they graduate. Furthermore, the career education program will provide the students with information about how they can match the academic outcome of their secondary education in their professional life and what should be the guidelines in building their careers considering the current needs of the market as well as their personal interest. Lastly, the program will introduce job searching skills to the students such as performing online job search, conducting a phone or on-site interview.

LMITA will also provide early identification of students with disabilities, with reading and mathematics problems, with limited English proficiency, as well as gifted students, and enroll such students in appropriately differentiated instructional programs.

Finally, LMITA will also make a program of physical fitness available to all students with a goal of at least 150 minutes per week on average during a regular school year. This program will include an appropriate combination of physical education classes, extracurricular athletics, and other physical activities.

III. Goals and Educational Objectives

The goals and educational objectives to be achieved by the public charter school are stated, and meet or exceed the Standards of Learning. The following elements are addressed:

1. A description of the performance-based goals.

Does the response meet the criterion? YES

Comment: Loudoun Math and IT Academy (LMITA) will support success in each academic area for students by employing a compelling, hands-on, standards-based curriculum and promoting career and college readiness as well as citizenship. More detail on physical education and health would strengthen this application.

LMITA will provide the necessary physical and health education to its students according to the LCPS middle and high school program of studies. Accordingly, students will be offered numerous challenging activities with an emphasis on fitness for life. In middle school grades, health and physical education classes will be offered every other day. Students will be exposed to a wide variety of activities including cooperative games, individual and dual sports, team sports, rhythmic activities, physical fitness testing, lifetime fitness, and recreational activities.

In health and physical education classes, students will be instructed about

- diet and nutrition; stress and mental health; lifetime fitness and wellness; as well as abstaining from alcohol, tobacco, and other drugs
- relationship of healthy body systems to overall wellness
- first aid and safety; the impact of exercise and diet on the body
- consumer health and health agencies; global health issues; community health
organ donation, nutrition and wellness planning; risk behaviors; emotional health; peer pressure, and conflict resolution

IV. Evidence of Support

Evidence that an adequate number of parents, teachers, pupils, or any combination thereof, supports the formation of a public charter school is provided. The following elements are addressed:

2. Tangible evidence of support for the public charter school from parents, teachers, students, and residents, or any combination thereof, including but not limited to, information regarding the number of persons and organizations involved in the process and petitions related to the establishment of the charter school.

Does the response meet the criterion? YES

Comment: The application included a sample of survey responses from more than 40 parents and others in the community who support the charter school. It would have been helpful to have summary information on the total number of responses received, and the percentage of respondents in support of or in opposition to the charter school.

As listed in the table below, a total of 340 valid surveys were collected; 261 people were in favor of a charter school option in Loudoun county, while 79 people were against it. 40 of these surveys were added to the application as an appendix.

Breakdown of community survey results		
Classification	Count	%
<i>Support, with children</i>	134	39%
<i>Support, without children</i>	127	37%
Support, total	261	77%
Not supporting	79	23%
Void	7	2%
Total	347	100%

V. Statement of Need

1. A statement of the need for a public charter school that describes the targeted school population to be served, and the reasons for locating the school within a particular school division.

Does the response meet the criterion? NO

Comment: The applicant states that the charter school fills the need for: 1) additional space for a growing student population; 2) training for jobs in communication technology; and 3) cost-effective choices in education. However, no research or data substantiates that these needs exist in Loudoun County.

1) Additional space for growing school population

Table 1 shows Loudoun County Public Schools enrollment projection until 2016¹. On the average, the number of students increases by 2,000 students per year. It was also stated in the Capital Improvement Plan that current capacity use in the middle and high schools in the county is 90% on the average.

Table 2 shows program capacity and actual enrollment district by district. Since prospective students of future LMITA are at elementary school right now and LMITA will start as a middle school, data was presented for elementary and middle schools. Elementary schools and middle schools in Ashburn are clearly overcrowded currently. Dulles north and Central Loudoun elementary schools are overcrowded and middle schools are likely to be overcrowded in the near future.

Note that LCPS is currently working to build more schools in needed areas, and, being a small school, LMITA does not aim to address the school shortage in Loudoun County. Nevertheless, it will take some pressure off of the public school system and it will be a part of the solution.

Table 1. Loudoun County public schools, student population projection

	09/30/11 ACTUAL	2012-13 PROJECTION	2013-14 PROJECTION	2014-15 PROJECTION	2015-16 PROJECTION
LOUDOUN COUNTY PUBLIC SCHOOLS	65,668	68,170	70,652	72,396	73,789
PRESCHOOL ENROLLMENT	953	999	1,017	1,036	1,055
ELEMENTARY SCHOOL (Gr K-5) ENROLLMENT	31,785	32,593	33,270	33,506	33,505
MIDDLE SCHOOL (Gr 6-8) ENROLLMENT	14,824	15,591	16,477	17,110	17,715
HIGH SCHOOL (Gr 9-12) ENROLLMENT	18,106	18,987	19,888	20,744	21,514

¹ Superintendent's Recommended FY 2013 – FY 2018 Capital Improvement Program, Loudoun County Public Schools, February 7, 2012

Table 2. Loudoun County elementary and middle schools, program capacity versus enrollment

	Elementary School		Middle School	
	2011-12 Program Capacity	09/30/11 Actual Enroll	2011-12 Program Capacity	09/30/11 Actual Enroll
Eastern Loudoun	7,264	6,821	3,444	3,056
Ashburn	6,119	6,427	2,469	2,658
Dulles North	4,119	4,763	2,507	2,233
Dulles South	5,200	4,938	2,506	1,905
Central Loudoun	6,003	6,287	3,468	2,971
Western Loudoun	4,592	3,435	2,337	2,001

2) Cost-effective choices in education

Loudoun County Board of supervisors initially asked Loudoun County School Board to cut \$44M from their 2013 budget. Later the budget cut request was decreased to \$22M². The school board is still in the process of deciding how to meet the budget reduction requested by the board of supervisors³. LCPS slashed the Foreign Language in the Elementary Schools (FLES) Program to reduce budget. Also construction of some planned schools was postponed. Budget constraints combined with the growing student population in Loudoun necessitates alternative solutions. Loudoun Math & IT Academy will open with \$0 start-up costs to the county and it will seat 672 students at full capacity. While it will not resolve public school system's challenges, it is a step in the right direction and it will be a part of the solution.

3) Training for jobs in communication technology

Northern Virginia Community College contracted Career Builder to determine current and projected job market in Northern Virginia⁴. The top 5 jobs in demand were all IT jobs. IT job demand exceeded all other occupations combined.

In a regional job analysis report published by George Mason University⁵, 9 of the top 20 jobs in the next 10 years will be in IT industry. Table 3 shows the forecasted growth of these jobs.

A significant number of these jobs will either be in Loudoun County or somewhere close to Loudoun County. Loudoun County students who receive appropriate education for these jobs will be at an advantage against their peers.

² http://www.loudountimes.com/index.php/news/article/school_board_needs_to_cut_22_million_from_budget123/

³ http://www.loudountimes.com/index.php/news/article/school_board_pushes_budget_decisions_to_after_spring_break123/

⁴ Browning B., Kosanovich B., "IT Workforce Needs in Northern Virginia", Northern Virginia Community College, October 7, 2011

⁵ Fuller S. and Harpel E., "Northern Virginia Workforce Trends", George Mason University Center, for Regional Analysis, June 2011

Table 3. Job Growth in the IT industry (by Net New Jobs)in Northern Virginia

SGC Code	Description	2010 Jobs	2020 Jobs	Net New Jobs	% Change	Education Level
15-1051	Computer systems analysts	18,473	25,175	6,702	36%	Bachelor's degree
15-1031	Computer software engineers, applications	17,742	26,788	9,046	51%	Bachelor's degree
15-1032	Computer software engineers, systems software	16,680	25,144	8,464	51%	Bachelor's degree
15-1081	Network systems and data communications analysts	8,188	13,853	5,665	69%	Bachelor's degree
15-1071	Network and computer systems administrators	7,812	12,541	4,729	61%	Bachelor's degree
15-1021	Computer programmers	7,656	8,375	719	9%	Bachelor's degree
15-1041	Computer support specialists	7,322	10,764	3,442	47%	Associate's degree
15-1099	Computer specialists, all other	6,534	7,841	1,307	20%	Associate's degree
11-3021	Computer and information systems managers	6,458	8,868	2,410	37%	Degree plus work experience

2. An explanation of why the public charter school is being formed. (Is the school being formed at the request of parents or community organizations? How was the need determined? What data were examined as part of the needs assessment? Briefly describe the need and include a summary of the quantitative data.)

Does the response meet the criterion? NO

Comment: The applicant provides data to suggest that Loudoun County's communication technology needs will grow in the coming years and states that Loudoun County's C.S. Monroe Tech Center and Loudoun Academy of Science are unable to support the anticipated need. No additional evidence is provided regarding the genesis of interest in the school or support from community stakeholders.

As an engineer, Loudoun parent Ali Gokce was aware of the importance of IT technologies. He observed the high number of IT companies in the county and the influx of IT employees from all over the world. He has a daughter at fifth grade and a son at third grade. His daughter Dalia is an outstanding student enrolled in FUTURA program. This gifted and talented program seeks to enhance and to develop the intellect of fourth and fifth grade students who have been formally identified as generally intellectually gifted. His son Aydin, on the other hand, was having some attention issues at school.

He wanted his children to get educated in high-income fields so they will be competitive in future job markets. While Dalia had a good chance of getting into advanced programs such as Loudoun Academy of Science or Thomas Jefferson High School, Aydin needed some alternative setups.

After some research, he identified charter schools as an economical and viable solution for his kids, and other kids in similar situation in the county. He was sharing his concerns with his circle of friends throughout the process. Mustafa Emin Sahin, Sharon Inetas, Sinan Yildirim and later in the process, Nataliya Blyznyuk got on board with him. After the group was convinced that a charter school is a doable option, they formed Northern Virginia Education Foundation and started their outreach efforts. By word of mouth, they reached Ali Bicak, who has successfully founded a charter school, Chesapeake Science Point (CSP) in MD, which turned out to be an exceptionally successful school. Ali Bicak agreed to join the founding board and the group decided to take CSP as a model school. Later in the process, former principal of CSP, Fatih Kandil, moved to Loudoun for family-related reasons. He decided to join the effort as well. Meanwhile, group contracted with Public Access Point for PR purposes for a nominal fee and was able to reach out to political and business leaders, and community stakeholders of Loudoun. Also local volunteers distributed survey sheets to the Loudoun parents to gauge their interest in a school like LMITA.

3. An explanation of why a public charter school is the appropriate vehicle to address the identified need.

Does the response meet the criterion? YES

Comment: The applicant states that charter schools are experimental laboratories where innovative programs can be modified quickly to meet the needs of students, and points to another charter school as an example of this advantage. More information about the ways the example school was able to respond to the needs of students in ways other public schools were unable to accomplish would strengthen this section.

LMITA will be an open-enrollment public school choice of all Loudoun students with Math and IT focus. Any Loudoun student may choose to apply to LMITA. LCPS does not have such an option currently. Any student enrolled in the public school system has to go to his\her base school which is determined by his\her address. Admission to magnet programs such Loudoun Academy of Science or Thomas Jefferson is very competitive.

Charter schools traditionally boast increased ownership among parents and the community. Parents tend to spend more time at charter schools and local community supports it more.

LMITA will be a small school with 288 students at the middle school and 384 students at the high school at full capacity. These school sizes are not economical for public school system due to its building and staffing standards. Being a small school, LMITA will provide personalized education, individualized attention and timely interference.

VI. Educational Program

A description of the public charter school's educational program is provided. The following elements are addressed:

1. A synopsis of the public charter school's educational program.

Does the response meet the criterion? NO

Comment: The application provides adequate rationale and community support for a school dedicated to supporting students in a real-world application, hands-on oriented curriculum focused on IT and mathematics. However, there are a number of elements cited below that should be strengthened or elaborated upon.

LMITA educational program will differentiate mainly in its instructional methods; the content will be different only in specialized programs offered mostly at the high school grades. For all the required courses, LMITA follow the LCPS Middle and High School Programs of Studies. Course names listed in the tables on pages 37-41 of the application were taken from CSP, the model charter school in MD. Please find the corrections for a number of errors and omissions in the following subsections.

2. A description of the pupil performance standards and curriculum, which must meet or exceed any applicable Virginia SOQ. (Sections 22.1-253.13:1 through 22.1-253.13:9, Code of Virginia)

Does the response meet the criterion? NO

Comment: The narrative described performance standards and curriculum for technology, but not for other subject areas. Overall, more detailed course titles and descriptions are needed. Strong congruence between LMITA course titles and Virginia Board of Education (VBOE) approved course titles in the following areas is recommended to ensure that students receive all required credits for graduation and various diploma types.

- Science course titles in the table do not align with the VBOE-approved science course titles. LMITA will also want to take into consideration the lab science students take in the senior year. It should allow for students to earn four science credits, in three different disciplines of science, while earning two verified science credits.
- Information pertaining to foreign language instruction is vague and does not list a foreign language option for middle school as required in the Standards of Accreditation (SOA). Diploma requirements do not accurately reflect required foreign language credits.
- Descriptions of social studies grades 6 through 8 are vague; specific course titles would be helpful. It is also necessary to clarify the difference between U.S. history in the 11th and 12th grades.

- Corrections or clarifications on the mathematics course sequence are needed. For the highest pathway in mathematics, beginning with pre-calculus in grade 9, the 10th and 11th grade course is AP calculus BC. It would not be appropriate to take this course two consecutive years.

The availability of sufficient courses to meet the requirement for students to complete two sequential electives as stated in 8 VAC 20-131-50, for the Standard or Modified Standard Diploma, is not evident. The proposal lists two diploma offerings and corresponding credits, but each diploma credit listing has been modified from the requirements of the Standards of Accreditation.

If warranted, Loudoun County Public Schools must submit any waiver requests to the Standards of Accreditation on behalf of LMITA to the VBOE for approval prior to implementation.

LMITA educational program differentiates in providing personalized education for each child by allowing them to progress in their own learning pace and providing them customized support according to their specific needs. In addition to being a small and structured school, LMITA will utilize well-researched and studied teaching methodologies and innovative technologies to help each student to achieve their maximum potential.

In terms of curriculum, LMITA will differentiate in only the specialized programs offered mostly at the high school grades. For all the required courses, LMITA will follow Virginia Board of Education approved course titles and the LCPS Middle & High School Programs of Studies.^{6 7} Course names listed in the tables on pages 37-41 of the application were taken from CSP, the model charter school in MD. In order to ensure students receive all required credits for graduation and various diploma types, the following course titles are corrected, and those subject areas will be offered under VBOE approved course titles.

- **Science course titles:** Science at sixth grade, Life Science at seventh grade, and Physical Science at eighth grade will follow LCPS Middle School Program of Study. Similarly, Earth Science, Biology, Physics and Chemistry at the high school grades will follow the LCPS High School Program of Study. LMITA will offer these science courses at the same grades as LCPS, but also will allow students take Biology or other high school courses earlier if they want to pursue an Advanced Diploma. Advanced students will also have an opportunity to enroll in Advanced Placement courses if they choose to do so. In any case, LMITA science program will allow for all students to earn four science credits in three disciplines of science, while earning two verified science credits.
- **Foreign Language courses:** LMITA will provide a foreign language option for middle school as required in Standards of Accreditation (SOA). LMITA will offer one or two of the Spanish, French, German and Latin language courses depending on the demand from students. LMITA will also offer one or two of the critical languages as an option again depending on the

⁶ <http://www.lcps.org/cms/lib4/VA01000195/Centricity/Domain/1/MSProgramofStudy2012.pdf>

⁷ <http://www.lcps.org/cms/lib4/VA01000195/Centricity/Domain/1/program%20of%20studies%20English%202012%20corrected%203-2012.pdf>

demand from students. Diploma requirements are corrected and aligned with the VBOE approved diploma requirements as shown in the following subsection.

- Social Studies course titles: Social Studies courses will be aligned with the VBOE approved course titles at all grades. Following LCPS Program of studies, at the middle school grades, LMITA will offer US History to 1865, US History 1865 to Present, Civics and Economics. Similarly, at the high school grades LMITA will offer World history (to 1500), World history (1500 to Present) and US & Virginia History.
- Mathematics Course Sequence: LMITA will expose its students to advanced Math topics at earlier grades, but will follow the same course titles and similar sequences as offered at LCPS. Following are sample math course sequence options for LMITA students. Depending on the students progress these sequences might vary.

Math 6 → Math 7 → Math 8 → Algebra I → Data Analysis → Geometry → Algebra II → Pre-Calculus

Math 6 → Math 7 → Algebra I → Geometry → Algebra II → Pre-Calculus → AP Calculus AB

Math 6/ 7 → Algebra I → Geometry → Algebra II/Trigonometry → Mathematical Analysis → AP Calculus AB

Math 6/ 7 → Algebra I → Geometry → Algebra II/Trigonometry → Mathematical Analysis → AP Calculus BC

Math 6/ 7 → Algebra I → Geometry → Algebra II → PreCalculus → AP Calculus AB

Math 6/ 7 → Algebra I → Geometry → Algebra II → PreCalculus → AP Statistics

Math 6/ 7 → Algebra I → Geometry → Algebra II → PreCalculus → AP Computer Science

- LMITA students will have enough number of required and elective courses to meet the requirements to complete two sequential electives as stated in 8 VAC 20-131-50, for Standard and Modified Standard Diploma. All course titles to be offered at LMITA are not listed within the application, as most of the electives to be offered will be determined according students' progress and interest areas. At the minimum, students will have enough number of required and elective courses to meet their diploma requirements.
3. A description of how the Virginia SOL and the corresponding SOL Curriculum Framework will be used as the foundation for curricula to be implemented for each grade or course in the public charter school. Include within the description how the goals and objectives of the curricula will meet or exceed the Virginia Standards of Learning (SOL), address student performance standards, relate to state and federal assessment standards, and include measurable student outcomes (See <http://www.doe.virginia.gov/testing/index.shtml> on the Department's Web site for more information about the SOL).

Does the response meet the criterion? NO

Comment: Additional details on SOL-related curriculum and courses would strengthen the application. Evidence of how gifted students' academic growth will be measured using the various curriculum components would be helpful. Additionally, a description of how the Virginia Career and Technical Education (CTE) essential competencies will be used as the foundation for the curricula for each CTE course should also be included.

Modification and clarification should be included on the following CTE components:

- Virginia course titles and codes
- CTE sequential offerings
- Board-approved CTE credentials
- Microsoft IT Academy
- Co-curricular student organization

LMITA will use the Virginia Career and Technical Education essential competencies as the foundations as described by Virginia's CTE Resource Center. Essential competencies defined and described for the following courses will be used for foundations of IT career tracks at LMITA:⁸

- 6150 Keyboarding (Middle School)
- 6151 Keyboarding (Secondary)
- 6152 Keyboarding Applications
- 6153 Keyboarding Applications
- 6161 Digital Input Technologies
- 6610 Computer Solutions
- 6611 Computer Applications
- 6612 Computer Information Systems
- 6613 Computer Information Systems, Advanced
- 6621 Office Administration

⁸ http://www.cteresource.org/verso2/results?program_area=business_and_information_technology&document_type=all&course_codes=&text=

- 6625 Word Processing
- 6630 Design, Multimedia and Web Technologies
- 6630 Design, Multimedia and Web Technologies, Advanced
- 6640 Programming
- 6641 Programming, Advanced
- 6650 Computer Network Software Operations
- 6651 Computer Network Software Operations, Advanced
- 6660 Database Design and Management
- 6661 Database Design and Management, Advanced
- 6670 Information Technology Fundamentals

LMITA will provide a variety of courses targeting CompTIA, Microsoft and Cisco certifications. In these courses, the tasks/competencies will reinforce the Virginia Computer Technology Standards of Learning correlated with them. Students will start building on their strong foundation with IT Essentials and then pursue a career track of their choice. Students will combine classroom instruction and supervised on-the-job training in an approved position with continuing supervision throughout the school year. Sample course descriptions for CTE electives targeting popular IT certifications:

- **IT Essentials:** The IT Essentials course will be offered at the ninth grade as a one-year, three-credit course. This course covers the fundamentals of IT with exploration of computer technology, networking, and security. Students acquire the skills required to identify hardware, peripherals, networking, and security components. Successful candidates will understand the functionality of operating systems and troubleshooting methodology of hardware, installation, configuration, upgrade and maintenance, practice proper safety procedures and will effectively interact with customers and peers. In addition, individuals will gain real industry experiences through subject matter expert workshops that are designed to address the core skills of information technology for employability in today's careers.
- **CompTIA-A+:** In this course students gain practical experience in assembling a computer system, installing an operating system, troubleshooting computers and peripherals, and using system tools and diagnostic software. They develop skills in computer networking and resource sharing. In addition, students explore the relationships between internal and external computer components. Emphasis is placed on technical proficiency, skill-building, and workplace

readiness. The course prepares students for postsecondary education and training, and a successful career in IT. Upon successful completion of the course, students may qualify to take the A+ certification exam.

- **CompTIA-Network+:** In this course students examines how data gets from one computer to another, including through local area networks (LANs), wide area networks (WANs), and the Internet. Networks are discussed in terms of the Open Systems Interconnect (OSI) seven-layer model. Network operating systems and network middleware are examined. The course is designed to prepare students with the knowledge necessary to pass the CompTia Network+ certification, a prerequisite for preparing for a career in network administration. CompTIA Network+ is vendor neutral and provides students with a fundamental understanding of computer networks, including such topics as Network Media, Topologies, Technologies and Devices, Wireless Networking, Network Protocols and Standards, Network Management, Tools, Monitoring, Security and Troubleshooting.
- **CompTIA-Security+:** This certification is widely recognized as the first level of computer security competence. Students will be introduced to five areas of concentration: IT security concepts (including the wide variety of network attacks), communications security, infrastructure security, the basics of cryptography, and operational organizational security. Specific topics covered include firewalls, host security, cryptography, privacy, application, security, and incident and disaster response. The course is designed to prepare students with the knowledge necessary to pass the CompTia Security+ Certification, a prerequisite for a career in the information security field.
- **System Administration:** System Administration is a comprehensive, hands-on computer course in which students are taught basic administration skills using Windows and Microsoft Server. Topics covered throughout the year include server concepts, installation, configuration, management, and troubleshooting. System Administration is designed to teach many aspects of computer support and system administration. Students learn how to install the operating systems, set up and manage accounts, load software, and set up and implement security plans. Upon successful completion of System Administration, students may elect to obtain industry-recognized professional certification by taking the Microsoft Certified IT Professional (MCITP) exams leading to Systems or Enterprise Administrator careers.
- **Network Administration (CCNA)** Network Administration prepares students to enter employment and/or further education in the computer networking field. Students learn how to design, install, configure, operate, and trouble shoot simple and complex networks. Topics covered include network architecture, industry standards and communication protocols, network devices (such as routers, switches, and hubs), media selection, data transmission, and cabling. Students study installation, configuration and troubleshooting techniques used in computer networks. Network Administration uses the Cisco Certified Network Associate (CCNA) curriculum. This course prepares students to take two Cisco certification tests: Cisco test #ICND1 Cisco Certified Entry Network Technician (CCENT) and the Cisco test ICND#2 (CCNA).

As listed above advanced IT certifications will be available as part of certain courses. Students successfully completing the course will also be eligible to earn a Career and Technical Education diploma seal. Students successfully completing the course in conjunction with another one credit course within the same program area will satisfy the sequential elective requirement for the standard or modified standard diploma. Successful completion of the course in conjunction with a corresponding IT certification may qualify for a student selected verified credit.

In addition to the local colleges and businesses, LMITA will also work with co-curricular student organizations such as:

- **The Future Business Leaders of America (FBLA)** is the career and technical education student organization for all individuals enrolled in business courses. The activities of FBLA are an integral part of the business program and are designed to enhance the business course offerings.
- **VTSA- Virginia Technology Student Association:** VTSA is the only student organization that focuses specifically on students enrolled in technology education. TSA includes educators, parents, students, and business leaders who believe in the need for a technologically literate society and are working hard to achieve that goal. Virginia TSA is composed of more than 16,000 middle and high school students throughout the Commonwealth.

Comment, continued: The footnotes in the middle and high school tables on page 37 need clarification. None of the middle school courses is a “state graduation requirement” as listed. However, credits in U.S. and Virginia history and U.S. and Virginia government are required for graduation. Additionally, there is a foreign language requirement for the Advanced Studies Diploma. It would be helpful if this table mirrored the more detailed program of studies outlined for each grade on pages 39 – 41.

Asterisks in the table “LMITA middle school standard course sequence” are typos, as the course lists were taken from the MD model school (CSP) program of studies. At middle school grades LMITA will follow the same promotion rules as with LCPS.

Therefore, the table on page 37 of the LMITA application should be corrected as follows:

LMITA middle school sample course sequence

Grade 6	Grade 7	Grade 8
Language Arts 6	Language Arts 7	Language Arts 8
Mathematics (Math 6/PreAlgebra/Algebra I)	Mathematics (Math 7/PreAlgebra/Algebra I)	Mathematics (Math 8/Algebra I/Geometry)
Science	Life Science	Physical Science
US History to 1865	US History 1865 to Present	Civics and Economics
Art/Music	Family and Consumer Science 7	Family and Consumer Science 8

Health and Physical Ed 6	Health and Physical Ed 7	Health and Physical Ed 8
World Language I (Spanish/French/German/Latin)	World Language II (Spanish/French/German/Latin)	World Language III (Spanish/French/German/Latin)
Tech Ed: NETS/ICDL	Tech Ed: NETS/ICDL	Tech Ed: NETS/ICDL

LMITA will follow the LCPS High School Program of Studies for all required courses⁹. LMITA will adhere to the same graduation requirements as stated in 8VAC 20-131-50.¹⁰ The tables on page 38 of the LMITA application should be corrected as follows:

For Standard Diploma a student must earn following credits by graduation:

English	4
Mathematics	3
Laboratory Science	3
History and Social Sciences	3
Health and Physical Education	2
Fine Arts, World Language or CTE	2
Economics and Personal Finance	1
Electives	4
TOTAL	22

For Advanced Technical Diploma a student must earn following credits by graduation:

English	4
Mathematics	4
Laboratory Science	4
History and Social Sciences	4
Health and Physical Education	2
World Language	3
Economics and Personal Finance	1
Fine Arts or CTE	1
CTE	3
TOTAL	26

⁹ <http://www.lcps.org/cms/lib4/VA01000195/Centricity/Domain/1/program%20of%20studies%20English%202012%20corrected%203-2012.pdf>

¹⁰ <http://leg1.state.va.us/cgi-bin/legp504.exe?000+reg+8VAC20-131-5>

Similarly, graduation requirements for modified standard diploma, standard technical diploma or advanced studies diploma will be the same as stated in 8VAC 20-131-50 and described in the LCPS High School Program of Studies. The table on page 37 of the LMITA application should be corrected as follows:

LMITA high school sample course sequence for standard diploma

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11	English 12
Algebra I	Geometry	Algebra II or Functions	Pre-Calculus/Math Electives
Earth Science	Biology	Physics or Chemistry	Economics and Personal Finance
World History (to 1500)	World History (1500 to Present)	US & Virginia History	Fine Arts or World Language
Health/Physical Ed 9	Health/Physical Ed 10	Basic Technology (CTE Elective)	Advanced Technology (CTE Elective)
IT in the Modern World and IT Principles (CTE Elective)	Network/Systems Engineering or App Development or Cybersecurity (CTE Elective)	Network/Systems Engineering or App Development or Cybersecurity (CTE Elective)	Network/Systems Engineering or App Development or Cybersecurity (CTE Elective)
Civics & Citizenship and/or Critical Languages (Elective)	Civics & Citizenship and/or Critical Languages (Elective)	Civics & Citizenship and/or Critical Languages (Elective)	Civics & Citizenship and/or Critical Languages (Elective)

The tables on page 39-41 of the LMITA application were sample schedules taken from the CSP High School Program. For Advanced Technical Diploma, LMITA will follow the LCPS High School Program of Studies for all required courses,¹¹ and adhere to the same graduation requirements as stated in 8VAC 20-131-50.¹² The tables on page 39-41 of the LMITA application should be replaced with the following:

LMITA high school sample course sequence for advanced technical diploma

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11	English 12
Algebra I (7th or 8th grade)/ Algebra II (8th or 9th grade)/ Geometry	Algebra II/Trigonometry Mathematical Analysis PreCalculus	Mathematical Analysis AP Calculus –BC AP Calculus –AB	AP Calculus –BC AP Calculus –AB AP Statistics

¹¹ <http://www.lcps.org/cms/lib4/VA01000195/Centricity/Domain/1/program%20of%20studies%20English%202012%20corrected%203-2012.pdf>

¹² <http://leg1.state.va.us/cgi-bin/legp504.exe?000+reg+8VAC20-131-5>

Earth Science/ Biology	Biology/ AP Biology Physics or Chemistry	Physics or Chemistry AP Physics AP Chemistry	Economics and Personal Finance/ Fine Arts or World Language
World History (to 1500) / World History (1500 to Present)	AP World History	AP US History	AP US Government
Health/Physical Ed 9	Health/Physical Ed 10	Basic Technology (CTE Elective)	Advanced Technology (CTE Elective)
IT in the Modern World/ IT Principles (CTE Elective)	Network/Systems Engineering/ Application Development/ Cybersecurity (CTE Elective)	Network/Systems Engineering/ Application Development/ Cybersecurity (CTE Elective)	Network/Systems Engineering/ Application Development/ Cybersecurity (CTE Elective)
Civics & Citizenship and/or Critical Languages (Elective)	Civics & Citizenship and/or Critical Languages (Elective)	Civics & Citizenship and/or Critical Languages (Elective)	Civics & Citizenship and/or Critical Languages (Elective)

4. A description of any assessments to be used to measure pupil progress towards achievement of the school's pupil performance standards, in addition to the SOL assessments prescribed by Section 22.1-253.13:3, in the *Code of Virginia*.

Does the response meet the criterion? YES

Comment: The applicant should strengthen the proposal by referencing the use of alternative state SOL assessments or accommodations on the regular SOL tests for students with disabilities.

LMITA will work with LCPS Office of Testing Services in order to accommodate the testing needs of students with disabilities. Under the supervision of LCPS Office of Testing, LMITA will provide the SOL assessments, the Virginia Alternate Assessment Program (VAAP), the Virginia Grade Level Alternative (VGLA) assessment, the Virginia Substitute Evaluation Program (VSEP), Virginia Modified Achievement Standards Test (VMAST) and the Assessing Comprehension and Communication in English State-to-State for English Language Learners (ACCESS for ELLs) tests.

VAAP is specifically designed to evaluate the performance of students with significant cognitive disabilities who are working on academic standards that have been reduced in complexity and depth. LMITA will follow the Aligned Standards of Learning (ASOL) for the students participating in the VAAP. Applying VAAP participation criteria, LMITA IEP team will examine how students with disabilities accesses content and demonstrate their knowledge and skills.

LMITA will follow LCPS testing schedule for all required SOL tests.

5. A description of the public charter school assessment plan to obtain student performance data, which includes how the data will be used to monitor and improve achievement and how program effectiveness, will be measured over a specified period of time. Also, provide benchmark data on how student achievement will be measured and how these data will be established and documented in the first year of operation and how the data will be measured over each year of the term of the charter as approved by the local school board. The benchmark data should address targets for student improvement to be met in each year.

Does the response meet the criterion? YES

Comment: The online benchmark assessment system will help students in preparation for the SAT. More detailed information on yearly targets for student improvement based on benchmark data would strengthen the assessment plan. Loudoun County Public Schools also has an excellent Response to Intervention (Rtl) systemic approach, and could provide technical assistance for individual student learning needs.

As for yearly targets for student improvement, LMITA will use the Virginia state accreditation ratings based on the performance of students on SOL tests. School accreditation ratings reflect student achievement on SOL tests and other approved assessments in English, Mathematics, Science and History/Social Studies. LMITA will target to be fully accredited by having all students achieve pass rates of 70 percent or higher in all four content areas. At its full capacity, LMITA will also attain a point value of 85 or greater based on the Graduation and Completion Index (GCI) in order to be fully accredited.¹³

The purpose of Response to Intervention (Rtl) initiative at LCPS is “to ensure the effectiveness of instructional interventions and strategies, as determined through ongoing data analysis of student assessments, so that all students meet or exceed growth expectations.”¹⁴ This is fully aligned with the mission and vision of LMITA, therefore LMITA will work with LCPS in order to implement Rtl and provide high-quality instruction/intervention matching the needs of its students. LMITA will also adjust its educational programs and instructional methods according to students learning and performance levels over time.

7. An explanation of the procedures for corrective actions needed in the event that pupil performance at the public charter school falls below the standards outlined in the Virginia Board of Education’s *Regulations Establishing Standards for Accrediting Public Schools in Virginia*, (8 VAC 20-131-310).

Does the response meet the criterion? YES

¹³ http://www.doe.virginia.gov/statistics_reports/school_report_card/accountability_guide.shtml

¹⁴ http://www.lcps.org/cms/lib4/VA01000195/Centricity/Domain/125/Responsive_Instruction_Program_Evaluation_final_.pdf

Comment: Many necessary components (formation of school improvement team, development of school improvement plan to include goals and objectives, monitoring and evaluating plan, providing targeted professional development for staff, providing extended learning time) are present. This section would be strengthened if the applicant would either be more specific regarding the code requirements (i.e., develop a three-year plan based upon results from academic review, meet nine essential requirements listed in SOA), OR the applicant could affirm that all requirements listed in code would be met.

LMITA affirms that it will meet all the requirements listed in the Virginia Board of Education's Regulations Establishing Standards for Accrediting Public Schools in Virginia, (8 VAC 20-131-310).

8. Information regarding the minimum and maximum enrollment per grade as well as class size and structure for each grade served by the public charter school.

Does the response meet the criterion? NO

Comment: On page 47, the application states that the class size is expected to be 24 students. On page 85, the application says the student-teacher ratio would be 11.3:1 the first year, and 12:1 the second and third years. It would be helpful to explain why these two measures are so different. Additionally, the class-size restriction for certain CTE courses is not identified, and there is no reference to following the staffing standards in the state special education regulations.

LMITA class size is expected to be 24 as stated on page 47 of the application. The numbers on page 85 were computed by dividing the total number of FTE faculty by total number of students at LMITA. As the staffing plans were updated during the development of the budget, the student-faculty ratio remained miscalculated or inconsistent. The correct ratios for the first three years should be as follows:

- 16.7:1 for the first year,
- 15.6:1 for the second,
- and 15.4:1 for the third year.

LMITA staffing plan for the first three years is laid out in the table below:

Position	Year 1	Year 2	Year 3
Executive Director	1	1	1
Principal	1	1	1

Dean of Students	0.5	0.5	1
Dean of Academics	0.5	0.5	1
Business Manager	1	1	1
Subject Area Teachers	10	17	22
Special Education Teacher	1	1	2
Guidance Counselor	0.5	0.5	1
Nurse	1	1	1
Secretary	1	2	2
Custodian	1	1	1
Librarian	1	1	1

Our projection for the first year is to operate with 8 full-time and 4 part-time [.5 FTE] teachers, one full-time special education teacher and one half-time Counselor; 4 administrative staff (Executive Director, School Principal, Business Manager, dean of students [.5 FTE], and dean of academics [.5 FTE]); and four other full-time personnel (a nurse, a custodian, a librarian and a secretary). In the second year, 6 FTE additional faculty will be added to the existing staff. In the subsequent years, more full-time faculty will be hired to teach core subject areas and part time faculty to teach elective courses. Upon full enrollment, LMITA will have 39 FTE teachers. The number of special education teachers, counselors, and nurses will be increased as the student population grows.

The class size for CTE courses will vary depending on the demand in specific specializations.

LMITA will follow 8VAC20-81-40 for special education (caseload) staffing requirements.¹⁵ LMITA will comply with FAPE requirements as stated in 8VAC20-81-100.¹⁶ (34 CFR 300.209) Children with disabilities who attend LMITA shall be served by LCPS in the same manner as children with disabilities in its other schools, including the provision of supplementary and related services on site at LMITA to the same extent to which LCPS provides such services on the site to its other public schools.

10. A description of plans for identifying and serving: a) students with disabilities; b) English Language Learners (ELLs); c) academically at-risk students; and d) gifted and talented students. Such plans must indicate the extent of the involvement of the local school board in providing such services and must comply with state and federal laws and regulations.

¹⁵ http://www.doe.virginia.gov/special_ed/regulations/state/regs_speced_disability_va.pdf

¹⁶ <http://leg1.state.va.us/cgi-bin/legp504.exe?000+reg+8VAC20-81-100>

Does the response meet the criterion? NO

Comment: Loudoun County Public Schools receives Title III, Part A, funding for English Language Learners (ELLs); therefore, the Loudoun Math and IT Academy charter school should meet with LCPS personnel for guidance to all divisionwide Title III, Part A, policies and procedures. Detailed information related to Title III requirements is available at: <http://www.ed.gov/policy/elsec/leg/esea02/pg39.html>.

It is necessary for LMITA to adhere to the requirements of the referral and identification criteria for Loudoun County Public Schools as noted in the division's local plan for gifted students. Additional details are needed to support a program of services for gifted students regarding "appropriate and differentiated curriculum" to strengthen the application.

There is no reference to the federal and state regulations governing special education that mandate FAPE-responsibility for children with disabilities attending charter schools being with the local school division. (Virginia Regulations 8 VAC 20-81-100 K; federal regulations 34 CFR §300.209) It would be helpful for LMITA to work with the Loudoun County Public Schools Special Education Department to ensure that the IDEA provisions for evaluation/eligibility of any student suspected of having a disability are met, and to ensure that provisions for Individual Education Programs (not Plans) are also met for all eligible students identified with disabilities. It would also strengthen the application if the correct current terminology is used when referencing disability identifications and services.

Although a safe supportive climate is referenced, there are no references to student/support services such as counseling, social services, mental health, and substance-abuse prevention to address conditions that interfere with student learning.

LMITA will collaborate with LCPS staff for Title III policies, requirements and funding for English Language Learners.

LMITA will also adhere to LCPS requirements of the referral and identification criteria for gifted and talented students.¹⁷

LMITA will work with the Loudoun County Public Schools Special Education Department to ensure that the IDEA provisions for evaluation/eligibility of any student suspected of having a disability are met, and to ensure that provisions for Individual Education Programs are also met for all eligible students identified with disabilities.

In order to comply with FAPE requirements we will hire one or more licensed special education teachers starting from year one.

We will also have half time counselor for the first two years, but in the following years we will have at least one full time counselor, in order to provide student counseling services.

¹⁷ <http://www.lcps.org/page/625>

LMITA will also collaborate with LCPS in student/support services such as counseling, social services, mental health, and substance-abuse prevention to address conditions that interfere with student learning. LMITA already made subsequent queries to discuss the mentioned services and other operational issues with LCPS senior staff, but all the requests so far have been denied by the Superintendent's office.

12. If the public charter school plans to utilize virtual learning in its educational program, identify the virtual learning source, describe how virtual learning will be used and estimate how many students may participate.

Does the response meet the criterion? NO

Comment: The applicant responded to the virtual learning component with "N/A". However, on page 56 the applicant states, *"Blended and virtual learning tools like Khan Academy, Jason Project, e2020, etc. will be utilized according to student needs."* Based upon this statement, the use of virtual learning is intended. However, insufficient information is provided regarding how virtual learning will be used and how many students may participate.

Blended and virtual learning tools at LMITA will be used only for supplementary purposes. Actual teaching of the content will be provided in person in computer labs. Students who need additional/remedial support will be directed to online resources such as Khan Academy, the Jason Project, e2020. LMITA will also comply with the new legislation requiring each high school student to take at least one virtual course before graduation. In order to realize this regulation, LMITA will work with LCPS to have its students participate in the virtual courses provided at LCPS via e2020.¹⁸

¹⁸ <http://c2.loudoun.schoolwires.net/cms/lib4/VA01000195/Centricity/Domain/123/Virtual%20Online%20Application-Final%20-%2008-11.pdf>

VIII. Economic Soundness:

Evidence that the plan for the public charter school is economically sound for both the public charter school and the school division is provided. The following elements are addressed:

1. A description of the public charter school's financial plan, including financial controls and audit requirements in accordance with generally accepted accounting principles.

Does the response meet the criterion? YES

Comment: More details specific to financial controls and audit processes are needed. It may also be necessary to account for local board approvals as part of budgeting process and timelines.

LMITA's Governing Board will review, revise and approve the budget at their monthly meeting. All audits will be done by independent auditor annually and all audit reports will be shared with both LCPS and BOE.

2. A start-up and three-year budgets with clearly stated assumptions and information regarding projected revenues and expenditures.

Does the response meet the criterion? YES

Comment: The start-up and three-year budgets pose several questions:

- Is the three months of staff time funded in the pre-operational budget sufficient for activities such as curriculum development and IT?

There are 2 different expenditures on pre-operational budget. One for staff stipends and second for curriculum development. Curriculum development will be outsourced prior to opening, and during this stage, staff will not participate in curriculum development.

- Is the pre-operational IT budget sufficient given the IT focus of the school? It may be necessary to provide more detail on assumptions for revenue amounts shown for federal program funds (i.e., IDEA, Title I, etc.).

All IT needs on pre-operational budget is not for all school. This expenditure only for IT needs for staffs that will work on pre-operational time period. On the other hand, all school's IT needs were already allocated the budget as Classroom IT needs, Science

Labs' needs and Computer Labs' needs (See Appendix F, sheet 2 of 6). All these expenditures are on operational budget not on the pre-operational budget. Also, all these IT needs will be ordered on March before the school opening and they will be paid by either Federal Grant or Operational budget.

- Are annual budgets for IT/computer supplies and repairs and professional development sufficient given projected increasing size of the school?

All computers come with a 3 year warranty in general and additional budget has been allocated per computer for any possible repair services not covered by warranty (See Appendix F, sheet 5 of 6).

- No budgets assumed for school nurses and school food – Are costs for nurses and school food included in the program?

In addition to salary we also budgeted expenses for the school nurse and health room expenditures (See Appendix F, sheet 5 of 6). Food is not included in the budget since its cost will be met from parents and/or agencies. On the other hand LMITA plans to negotiate with LCPS for partnership and contractual services.

- Are some costs under business services such as advertising/dues/memberships duplication under the miscellaneous budget?

The budgets allocated for advertising for two different purposes: one for student enrollment and outreach, and the second for staff recruitment (See Appendix F, sheet 5 of 6).

Comment: Large ending balances shown in the expenditure spreadsheet may change as revenue/expenditure budgets are further refined. Per SOQ staffing requirements, librarian staffing appears to be required along with part-time counselor staffing in initial years. Out-year increases in the Virginia Retirement System rate should be closely monitored. That would result in significant cost increases in this line-item.

Our surplus will be used for such improvements as staff professional development, infrastructural update and educational technology and supporting materials (Please see Appendix F for revised Ending Balance).

To comply with SOQ staffing requirements, a full time Librarian and part time counselor (first two years) are added to the budget. Also state rates will be monitored by financial division and they will be modified as requested.

3. A start-up and three-year cash flow projections with clearly stated assumptions and indications of short- and long-term sources of revenue.

Does the response meet the criterion? YES

Comment: It may be necessary to refine monthly projections of revenues and expenditures as shown in spreadsheets as local application process proceeds.

As local application process proceeds, we will refine the budget projections as necessary.

4. A description of anticipated fundraising contributions, if applicable.

Does the response meet the criterion? YES

Comment:LMITA should be cautious in taking out a loan for initial operating expenses when future revenues to repay the loan are uncertain. Also note that no fundraising revenue is assumed in projected revenue spreadsheet. It may be necessary to refine assumptions of projected fundraising revenue as local application process proceeds.

Pre operational expenses will be covered by either federal charter school grant or long term loan. Loan repayments will start on third year's budget. As can be seen on the budget worksheet, the per-pupil income is adequate to repay the loan starting from the third year. Also we have added projected fundraising revenues for each year.

X. Management and Operation:

A description of the management and operation of the public charter school, including the nature and extent of parental, professional educator, and community involvement in the management and operation of the public charter school is provided. (Section 22.1-212.7, Code of Virginia) The following elements are addressed:

2. An explanation of how support services will be provided. These services, include, but are not limited to: 1) food services; 2) school health services; 3) custodial services; 4) extracurricular activities; and 5) security services.

Does the response meet the criterion? YES

Comment: The application would be strengthened by addressing student support services such as counseling, social services, mental health, and substance abuse prevention. It would also be helpful to provide more details about food services: the meals, the cost and the proposed plans to work with the LCPS Food and Nutrition Services.

LMITA will have a school counselor starting from day one in order to provide students support services such as counseling, social services, mental health, and substance abuse prevention. LMITA counselors will work with families and other LMITA staff to provide a safe learning environment and assist all students in achieving their full intellectual, social, and emotional potential.

LMITA will contract with LCPS food and nutrition services in order to provide access to the same level of nutrition, safe, cost effective meals as those available to students attending other LCPS schools.

3. An explanation of any partnerships or contractual relationships (education management organization, food services, school health services, custodial services, security services, etc.) central to the school's operations or mission, including information regarding the relationship of all contractors to the governing board of the public charter school, and information regarding how contractors and the employees of the contractors having direct contact with students will comply with the provisions of Section 22.1-296.1, of the *Code of Virginia*.

Does the response meet the criterion? YES

Comment: Contracting with the LCPS food and nutrition services would be the preferred method for providing reimbursable meals under the United States Department of Agriculture meal programs. While participation is optional, it is advisable in order to provide access to the same level of nutritious, safe, cost-effective meals as those available to students attending other LCPS schools.

LMITA will contract with LCPS food and nutrition services in order to provide access to the same level of nutrition, safe, cost effective meals as those available to students attending other LCPS schools.

5. A proposed organization chart.

Does the response meet the criterion? YES

Comment: It was not clear why the school would need both an executive director and a principal or why a school with a maximum enrollment of 672 students would need three administrators serving essentially as assistant principals (dean of academics, dean of students, and projects coordinator). The applicant may also want to discuss with LCPS to determine if a business manager would be necessary, or if the school division could handle some of those responsibilities.

Having some level of autonomy as a charter school, LMITA management will have additional responsibilities such as public relations, marketing, recruitment and fundraising. Increased community involvement means increased administrative overhead on LMITA's part. Financial autonomy will require the LMITA to deal with contractors and service providers on its own.

These additional responsibilities necessitate additional administrative support to run the school successfully.

Projects Coordinator is not a standalone position. A teacher will assume this responsibility part-time.

6. Plans for recruiting school leadership and staff.

Does the response meet the criterion? YES

Comment: The role of the principal in the process of recruiting and hiring is not clear. Performance Standard 3: Human Resource Management of the revised Guidelines for Uniform Performance Standards and Evaluation Criteria for Principals encourages principals to play a strong role in the selection of staff.

In accordance with *Guidelines for Uniform Performance Standards and Evaluation Criteria for Principals*, LMITA principal will play a major role in the selection of staff. He will be a perpetual member of the hiring committee and he will make the final hiring recommendations to the board.

XI. Employment Terms and Conditions:

An explanation of the relationship that will exist between the proposed public charter school and its employees, including evidence that the terms and conditions of employment have been addressed with affected employees is provided. (Sections 22.1-212.13, 22.1-296.1 and 22.1-296.2, *Code of Virginia*) The following elements are addressed:

1. A plan that addresses the qualifications of teachers and administrators at the public charter school, including compliance with state law and regulation regarding Virginia Board of Education licensing endorsements.

Does the response meet the criterion? NO

Comment: The plan does not clearly address the following sections of the Code of Virginia 22.1-296.1 or 22.1-296.2. Fingerprinting and conducting a child protective service check needs to be addressed. Also, the qualifications for the criteria for teacher selection need to include the criteria of the teacher holding a valid Virginia license with appropriate endorsement. The principal also needs to hold a valid Virginia teacher license with endorsement in administration and supervision.

At LMITA, the teachers will hold a valid Virginia license with appropriate endorsement. The principal will also hold a valid Virginia teacher license with endorsement in administration and supervision. After selecting the best candidates, LMITA will have each candidate go through the LCPS hiring process including but not limited to fingerprinting and conduct of a background and child protective service check.

2. A plan to provide high-quality professional development plans. (Section 22.1-253.13.5, *Code of Virginia*)

Does the response meet the criterion? NO

Comment: The plan does not provide details on how professional development will be provided in the use and documentation of teacher and principal performance standards and evaluation criteria. Also, the plan does not provide enough details on how student academic progress will be addressed through professional development.

LMITA will clearly define teacher performance standards following the Guidelines for Uniform Performance Standards and Evaluation Criteria for Teachers.¹⁹ The uniform performance standards will be used to collect and present the data to document performance based on clear expectations. The primary goal of this process will always be to support the continuous growth and development of each teacher by giving meaningful feedback based on monitoring, analyzing, and applying pertinent data.

¹⁹ http://www.doe.virginia.gov/teaching/regulations/2011_guidelines_uniform_performance_standards_evaluation_criteria.pdf

Student academic progress will be one of the main areas that will be used in the formal classroom observation. At LMITA, teacher evaluations will be based on professional knowledge, instructional planning and delivery, assessment of student learning, management of a safe and learning conducive environment, student academic progress, and professionalism. Based on these standard rubrics, teachers will be provided guidance and professional development opportunities for their continuous growth.

During the periodic professional development programs teachers will train on the latest technologies and best practices in setting acceptable, measurable and appropriate student achievement goals based recent benchmark data. Teachers will also learn about the various features of online SIS to track student progress and adjust the assessments levels and formats based on the learning outcomes. Teachers will adjust their instruction based on the student progress and develop interim learning targets

3. Provisions for the evaluation of staff at regular intervals and in accordance with state law and regulation.

Does the response meet the criterion? NO

Comment: It is necessary to use the newly revised *Guidelines for Uniform Performance Standards and Evaluation Criteria for Teachers and Principals* and provisions in this section. Information is available at:
http://www.doe.virginia.gov/teaching/performance_evaluation/index.shtml

At LMITA, the teachers will be evaluated at regular intervals based on the performance standards stated in the Guidelines for Uniform Performance Standards and Evaluation Criteria for Teachers and Principals document.

Accordingly, the teachers will be evaluated based on their:

- professional knowledge in their subject
- ability to perform instructional planning
- efficiency in performing instructional delivery
- ability of assessing student learning
- success in founding a healthy learning environment
- adherence to professionalism
- ability to lead to student academic progress

6. A staffing chart for the school's first year and a staffing plan for the term of the contract.

Does the response meet the criterion? NO

Comment: The staffing chart does not include a librarian or a counselor in years one and two. This does not comport with the staffing requirements and related staff-to-student ratios in the Standards of Quality, in § 22.1-253.13:2 of the *Code of Virginia*.

A librarian and a counselor have been added to LMITA's staffing chart. Also, the necessary funding has been added to annual budget.

XII. Liability and Insurance:

A description of the agreement between the parties regarding their respective legal liability and applicable insurance coverage is provided. (Section 22.1-212.16, *Code of Virginia*) The following elements are addressed:

1. The types of insurance for the public charter school, its property, its employees, the charter school management committee, and the board and the levels of coverage sought. Types of insurance include, but are not limited to: a) general liability; b) health; and c) property.

Does the response meet the criterion? YES

Comment: The applicant should note that the level of some coverage appears to be low:

- General Liability - \$1,000 per occurrence, \$2,000 aggregate (Limits at \$1,000,000 per occurrence)
- Directors and officers liability - \$1,000
- Educators legal liability - \$1,000
- Umbrella coverage - \$3,000; \$5,000 if providing transportation
- Property/lease insurance - 100 percent of replacement cost
- Boiler and machinery insurance - \$1,000 (if appropriate actual loss sustained)
- Auto liability insurance - \$1,000
- Workers compensation as required by law

Per section Section 22.1-212.16, Code of Virginia, upon approval of its application, LMITA will secure liability insurance and other coverage as follows:

Property and Casualty insurance	\$500,000
Directors and Officers insurance	\$1,000,000
General Liability insurance	\$1,000,000

The insurance for the directors and officers will start upon the approval of the charter application by the Loudoun County Public School Board. The property and liability insurance will take effect on or before signing a lease agreement with the Landlord. LMITA will pay for Workers' Compensation coverage, but we are requesting to be included in the same policy as other LCPS schools.

XIII. Transportation:

A description of how the public charter school plans to meet the transportation needs of its pupils is provided. The following elements are addressed:

2. If transportation services will be provided by the public charter school, explain whether the school will contract for transportation with the local education agency or with another entity or have its own means of transportation and indicate whether transportation will be provided to all students attending the school.

Does the response meet the criterion? YES

Comment: LMITA needs to review the Regulations Governing Pupil Transportation (<http://www.doe.virginia.gov/support/transportation/regulations/index.shtml>) and work with the Loudoun County Schools Transportation facility to meet transportation requirements.

LMITA will work with LCPS Department of Pupil Transportation to meet the transportation requirements in 8VAC20-70-10.

Modified budget numbers that were sent to the VA BoE.

1/23/2012

Appendix F (1 of 6)

Loudoun Math & IT Academy

Pre-Operational Budget

Revenue-Sources of Funding	Amount	Specific Source
Federal or State Funding		
Start-Up Grant	\$150,000.00	
Other (specify)	\$0.00	
Other Financing Sources		
Lines of Credit	\$0.00	
Contributions	\$0.00	
Other (specify)	\$0.00	
Total Revenue	\$150,000.00	
BUDGET PLAN IF FEDERAL GRANT NOT AWARDED		
\$550,000 loan will be received in the first year to be paid in 5-year term starting in the third year with %9 interest rate. (\$137,005 of annual payments).		
Expenditures	Amount	Assumptions (e.g., 40 hours of consulting at \$100/hour)
Legal Fees	\$15,000.00	75 hours of legal services at \$200/hour Legal advise for rent and charter contract
Accounting and Consultation Fees	\$12,000.00	120 hours of accounting and consultation services at \$100/hour CPA and financial consultation
Marketing (including postage, printing)	\$15,000.00	7500 fliers at \$2.00 each including printing and postage
Recruitment-Students	\$5,000.00	5 open house \$1,000 each including rent, advertisement, and refreshments
Recruitment-Staff	\$5,000.00	5 newspaper and online advertisement \$1,000 each
Curriculum Development	\$25,000.00	IT based school model and curriculum development
Staff/Board Development	\$4,000.00	Membership and conference fees for the founding group
Staff Stipends	\$30,000.00	Executive Director and Administrative Assistant part time salary for 3 months
Equipment and Supplies	\$10,000.00	Office Furniture for the Executive Director and Administrative Assistant
Information Technology	\$6,000.00	Personal computers, projector and printers for the Executive Director and Administrative Assistant
Rent	\$15,000.00	Office for executive director pre-opening rent, 3-5 months
Capital	\$0.00	
Utilities	\$2,000.00	Utilities for the school facility, 3-5 months
Telephone/Fax	\$3,000.00	Telephone and internet access, 3-5 months
Travel	\$3,000.00	Travel expenses for open houses, conferences, meetings, etc.
Other (specify)	\$0.00	
Total Revenues	\$150,000.00	

Loudoun Math & IT Academy Classroom and Lab Setup**Classroom Furniture**

	Unit Cost	Total Cost	Reference
Smart Board	\$ 999.00	\$ 999.00	http://www.projectorcentral.com/portable-computer-projectors.htm
Teacher Laptop/Tablet	\$ 999.00	\$ 999.00	http://shopper.cnet.com/buy-laptops/
Speakers	\$ 99.99	\$ 99.99	http://www.bestbuy.com/site/olspage.jsp?skuid=7933686&type=product&id=1151657980013
Student Desks	\$ 108.95	\$ 2,723.75	http://www.hertzfurniture.com/Student-Chair-Desks--Jumbo-Top-Combo-Chair-Desk--1020--pr.html
Teacher Desk	\$ 395.00	\$ 395.00	http://www.hertzfurniture.com/Teacher-Desks--Steel-Single-Pedestal-Teachers-Desk--4424--mo.html
Teacher Chair	\$ 76.95	\$ 76.95	http://www.hertzfurniture.com/Teacher-Chairs--Padded-Swivel-Chair--6684--mo.html
White Board	\$ 247.00	\$ 494.00	http://www.hertzfurniture.com/Whiteboards--Markerboards--Steel-Whiteboard-with-Aluminum-Frame--1703--mo.html
Cork Boards	\$ 89.00	\$ 267.00	http://www.hertzfurniture.com/Bulletin-Tack-Boards--Wood-Frame-Cork-Board--1040--mo.html
Bookcase	\$ 479.00	\$ 479.00	http://www.hertzfurniture.com/Storage-Cabinets--Mobile-Cabinet-Full-Height--934--mo.html
Filing Cabinets	\$ 149.00	\$ 149.00	http://www.hertzfurniture.com/Filing-Cabinets--2-Drawer-Letter-Standard-File--1647--mo.html
Trash bins	\$ 6.99	\$ 13.98	http://www.staples.com/office/supplies/p1_Rubbermaid-Plastic-Wastebaskets-Beige-7-
Cart	\$ 76.00	\$ 76.00	http://www.hertzfurniture.com/AV-Carts--Open-Shelf-Trolley-Cart--1917--mo.html
TOTAL		\$ 6,772.67	total cost for one regular classroom

Computer Labs

Item	Unit Cost	Total Cost	Reference
Smart Board	\$ 999.00	\$ 999.00	http://www.projectorcentral.com/portable-computer-projectors.htm
Computers	\$ 699.00	\$ 17,475.00	http://shopper.cnet.com/buy-desktop-computers/
Computer Tables	\$ 397.00	\$ 5,161.00	http://www.hertzfurniture.com/Computer-Tables--Flip-Top-Computer-Workstation-Fixed-Height--4727--mo.html
Computer Chairs	\$ 42.95	\$ 1,073.75	http://www.hertzfurniture.com/Student-Chairs--120-Series-Poly-Chair-with-Book-Basket--1291--pr.html
TOTAL		\$ 23,709.75	total cost for one computer lab

Science Labs

	Unit Cost	Total Cost	Reference
Smart Board	\$ 999.00	\$ 999.00	http://www.projectorcentral.com/portable-computer-projectors.htm
Student Stools	\$ 32.00	\$ 800.00	http://www.hertzfurniture.com/Non-Swivel-Stools--6000-Series-Upholstered-Stools--1305--pr.html
Teacher Station	\$ 1,329.00	\$ 1,329.00	http://www.hertzfurniture.com/Science-Lab-Tables--Mobile-Instructors-Desk--2664--mo.html
Student Stations	\$ 3,699.00	\$ 22,194.00	http://www.hertzfurniture.com/Science-Lab-Tables--LabView-4-Station-Service-Center--2680--mo.html
Safety Cabinet	\$ 959.00	\$ 959.00	http://www.hertzfurniture.com/Flammable-Liquid-Cabinets--Freestanding-Cabinet-with-2-Shelves-60-Gal-Cap--2656--mo.html
Shower Eye Wash	\$ 1,639.00	\$ 1,639.00	http://www.hertzfurniture.com/Laboratory-Stations--Shower-Eye-Wash-Station---Wheelchair-Accessible--9150--mo.html
TOTAL		\$ 26,921.00	total cost for one science lab

Server Systems

	Total Cost	Components	Reference
Initial Setup	\$ 4,353.00	servers, firewall, switches	
Expansion Setup	\$ 4,353.00	s, wireless access points	

Health Room

	Total Cost	Components	Reference
Initial Setup	\$ 2,500.00	Desk, Table and Patient Bed	
Expansion Setup	\$ 1,000.00	Miscellaneous	

1/23/2012

Appendix F (3 of 6)

Loudoun Math & IT Academy-

Projected Revenues

	2013-2014 Fiscal Year	2014-2015 Fiscal Year	2015-2016 Fiscal Year	2016-2017 Fiscal Year	2017-2018 Fiscal Year	2018-2019 Fiscal Year
Major Assumptions						
Student Enrollment	192	288	384	480	576	672
Facility Size for Rent Estimate	20000	30000	40000	50000	60000	70000
Average Teacher Salary	\$59,000.00	\$60,770.00	\$62,593.10	\$64,470.89	\$66,405.02	\$68,397.17
Student/Teacher Ratio	16.7	15.6	15.4	15.5	15.6	15.3

Revenues						
Revenue From Local Source						
Per Pupil Tuition	\$2,127,936.00	\$3,287,661.12	\$4,515,054.60	\$5,813,132.80	\$7,185,032.15	\$8,634,013.63
Fundraising	\$10,000.00	\$20,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
Revenue From Federal Sources						
Special Ed, ELL, FRM, funds	\$212,793.60	\$328,766.11	\$451,505.46	\$581,313.28	\$718,503.21	\$863,401.36
Charter School Startup Grant	\$200,000.00	\$200,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Revenues	\$2,550,729.60	\$3,836,427.23	\$4,996,560.07	\$6,424,446.08	\$7,933,535.36	\$9,527,414.99

Loudoun Math & IT Academy**Expenditure Assumptions -
of 2**

FY / Grades	# Classes	2013-2014	2014-2015	2015-2016	2016-2017	2018-2019	2019-2020
	Per Grade Level	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year
6	4	96	96	96	96	96	96
7	4	96	96	96	96	96	96
8	4		96	96	96	96	96
9	4			96	96	96	96
10	4				96	96	96
11	4					96	96
12	4						96
Enrollment		192	288	384	480	576	672
Special Ed.	10%	19.2	28.8	38.4	48	57.6	67.2

# Teachers		10	17	22	28	33	39	WABE11 PG37
	Avg. Salary	\$ 59,000.00	\$ 60,770.00	\$ 62,593.10	\$ 64,470.89	\$ 66,405.02	\$ 68,397.17	Page 312 LCPS FY12 Teachers' Salary Scale
# Special Ed.		1	1	2	2	3	3	
	Avg. Salary	\$ 65,000.00	\$ 66,950.00	\$ 68,958.50	\$ 71,027.26	\$ 73,158.07	\$ 75,352.81	Page 314 LCPS FY12 Special Ed Counselor Scale
# ST Counselor		0.5	0.5	1	1	1	2	
	Avg. Salary	\$ 72,000.00	\$ 74,160.00	\$ 76,384.80	\$ 78,676.34	\$ 81,036.63	\$ 83,467.73	Page 314 LCPS FY12 Psychologist / Counselor Scale
# Instructional Staff (FTE)		11.5	18.5	25	31	37	44	
		16.7	15.6	15.4	15.5	15.6	15.3	
# Custodian		1	1	1	1	1	1	
	Avg. Salary	\$ 30,000.00	\$ 30,900.00	\$ 31,827.00	\$ 32,781.81	\$ 33,765.26	\$ 34,778.22	Page 316 LCPS FY12 Custodian (Level 5) Scale
# LPN		1	1	1	2	2	2	
	Avg. Salary	\$ 48,000.00	\$ 49,440.00	\$ 50,923.20	\$ 52,450.90	\$ 54,024.42	\$ 55,645.16	Page 317 LCPS FY12 School Nurse (Level 16) Scale
# Secretary		1	2	2	2	3	3	
	Avg. Salary	\$ 40,000.00	\$ 41,200.00	\$ 42,436.00	\$ 43,709.08	\$ 45,020.35	\$ 46,370.96	Page 317 LCPS FY12 Secretary III (Level 13) Scale
# Librarian		1	1	1	1	1	1	
	Avg. Salary	\$ 40,000.00	\$ 41,200.00	\$ 42,436.00	\$ 43,709.08	\$ 45,020.35	\$ 46,370.96	Page 316 LCPS FY12 Librarian (Level 9) Scale
# Business Manager		1	1	1	1	1	1	
	Avg. Salary	\$ 65,000.00	\$ 66,950.00	\$ 68,958.50	\$ 71,027.26	\$ 73,158.07	\$ 75,352.81	Page 317 LCPS FY12 Financial Analyst (Level 16)
# Deans		1	1	2	2	2	2	
	Avg. Salary	\$ 83,000.00	\$ 85,490.00	\$ 88,054.70	\$ 90,696.34	\$ 93,417.23	\$ 96,219.75	Page 323 LCPS FY12 Administrator Salary (Level 2)
# Principal		1	1	1	1	1	1	
	Avg. Salary	\$ 95,000.00	\$ 97,850.00	\$ 100,785.50	\$ 103,809.07	\$ 106,923.34	\$ 110,131.04	Page 323 LCPS FY12 Administrator Salary (Level 5)

# Executive Director	1	1	1	1	1	1
Avg. Salary	\$ 97,000.00	\$ 99,910.00	\$ 102,907.30	\$ 105,994.52	\$ 109,174.35	\$ 112,449.59
# Adminstration (FTE)	8	9	10	11	12	12
Student / Staff Ratio	9.85	10.47	10.97	11.43	11.76	12.00
Per Pupil Amount	\$ 11,083.00	\$ 11,415.49	\$ 11,757.95	\$ 12,110.69	\$ 12,474.01	\$ 12,848.23
Special Ed. Per Pupil	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

10% Special Ed, ELL, FMR is assumed per the current LCSP demographics

Estimated Per Pupil Cost Based on FY12 Budget	
Instruction	\$8,615
Operation & Maintenance	\$999
Pupil Transportation	\$788
Administration	\$242
Technology	\$260
Attendance & Health	\$137
Facilities	\$42
FY12 Estimated Cost Per	\$11,083

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Appendix F (4 of 6)

Loudoun Math & IT Academy

Expenditure Assumptions - 2 of 2

Student/Teacher Ratio	16
Student/Classroom Ratio	22
AVERAGE Health Insurance	15.00%
Social security + Life Benefits (FICA, Life)	7.93%
Retirement Benefits (Virginia Retirement System VRS)	12.76%
W/C	0.50%
Annual sick leave days	10
Substitute pay per day	\$ 100.00
Textbooks per student	\$ 300.00
Supply per student	\$ 100.00
Rent per squarefoot	\$ 10.00

2011 WABE Report Page 46
Page 331 on LCPS – FY12 Budget
Page 331 on LCPS – FY12 Budget
Page 331 on LCPS – FY12 Budget
Per LCPS Personnel Leave Benefits

Salaries and Wages - School Director	Executive Director
Salaries and Wages - Supervisors	Principal, Assistant Principal, Financials and Records Manager
Salaries and Wages - Clerical Staff	Administrative Assistant, Secretary
Fringe Benefits - Health Insurance	18% of base salary per WABE Report 2011
Fringe Benefits - Social Security	(7.65+0.28)% Fica+Life
Fringe Benefits - Retirement Benefits	(7.76+5.00)% Virginia Retirement System (VRS)
Workers Compensation	0.50%
Office Supplies	Stationary, \$500.00 per month
Equipment and Furniture	Included in the start-up budget

Information Technology	Computer hardware and software licenses
Purchased Management Services	Professional Development Services
Salaries and Wages - FT Teachers	\$59,000.00 average salary with 16 student/teacher ratio
Salaries and Wages - PT Teachers	None
Salaries and Wages - Substitutes	10 days per teacher per day, \$100.00/day substitute salary
Fringe Benefits - Health Insurance	18% of base salary per WABE Report 2011
Fringe Benefits - Retirement Benefits	(7.65+0.28)% FICA+Life
Workers Compensation	0.50%
Consultants	12 hours/month, \$100.00/hour consultation cost
Purchased Management Services	\$100.00 per student
Professional Development	\$1,000.00/department; Math, Science, Technology, Social Studies, Language Arts
Special Education	The same amount as the estimated federal entitlement
Student Assessment/Testing	Purchased testing services
Supplies/Materials - Instructional	\$100.00 per student
Classroom Furniture	As computed in classroom and lab setup worksheet
Textbooks	\$300.00 per student
Information Technology	As computed in classroom and lab setup worksheet
Computer Supplies and Repairs	Computer Software License and Maintenance
Library	\$50 per student for online subscription fee

Retirement: Virginia Retirement System (VRS) - All full-time employees are covered. The school system will pay 7.76% of the base salary for all full-time instructional/professional personnel and 7.77% of the base salary for all non-prof covered employees. The employees' 5.00% share is also paid by the school system.

Social Security: The school system pays 7.65% of all taxable wages for each covered employee per calendar year.

Group Life Insurance: Each employee covered under the Virginia Retirement System receives life insurance protection equal to twice his or her annual salary with double indemnity provision. The school system will pay 0.28% of the base salary for all covered employees

Group Health Insurance: All full-time employees are eligible to participate in the Point-of-Service (POS) plan. This single plan offers all employees the flexibility of using in-plan options (HMO) or out-of-plan options (INDEMNITY).

Tort Liability Insurance protects all employees and School Board members against losses and expenses that occur when claims or suits are brought against them for a wrongful act based on an error or omission, negligence, breach of duty, misstatement, or misleading statement.

Workers' Compensation: All employees are provided workers' compensation benefits for bodily injury by accident or bodily injury by disease that are caused or aggravated by conditions of employment. Payments will be made to or on behalf of employees for medical expenses and for lost wages.

Vacation and/or sick leave are provided each full-time employee in accordance with the current personnel policies.

Loudoun Math & IT Academy - Operating Budget

Projected Expenditures—1
of 3

	2013-2014 Fiscal Year	2014-2015 Fiscal Year	2015-2016 Fiscal Year	2016-2017 Fiscal Year
Expenditures				
School Administration				
Salaries and Wages - School Director	\$97,000.00	\$99,910.00	\$102,907.30	\$105,994.52
Salaries and Wages - Supervisors	\$243,000.00	\$250,290.00	\$345,853.40	\$356,229.00
Salaries and Wages - Clerical Staff	\$158,000.00	\$203,940.00	\$210,058.20	\$268,810.84
Fringe Benefits - Health Insurance	\$74,700.00	\$83,121.00	\$98,822.84	\$109,655.15
Fringe Benefits - Social Security + Life Benefit	\$39,491.40	\$43,943.30	\$52,244.34	\$57,971.02
Fringe Benefits - Retirement Benefits	\$63,544.80	\$70,708.26	\$84,065.29	\$93,279.98
Unemployment/Workers Compensation	\$2,490.00	\$2,770.70	\$3,294.09	\$3,655.17
Office Supplies	\$6,000.00	\$6,180.00	\$6,365.40	\$6,556.36
Information Technology	\$1,000.00	\$1,030.00	\$1,060.90	\$1,092.73
Subtotal - School Administration	\$685,226.20	\$761,893.27	\$904,671.76	\$1,003,244.79
Instructional Staff				
Salaries and Wages - Full-Time Teachers	\$691,000.00	\$1,137,120.00	\$1,591,350.00	\$2,025,915.86
Salaries and Wages - Part-Time or Substitute	\$10,000.00	\$17,510.00	\$22,660.00	\$28,840.00
Fringe Benefits - Health Insurance	\$105,150.00	\$173,194.50	\$242,101.50	\$308,213.38
Fringe Benefits - Social Security + Life Benefit	\$55,589.30	\$91,562.16	\$127,990.99	\$162,942.14
Fringe Benefits - Retirement Benefits	\$89,447.60	\$147,330.79	\$205,947.68	\$262,186.85
Unemployment/Workers Compensation	\$3,505.00	\$5,773.15	\$8,070.05	\$10,273.78
Subtotal - Instructional Staff	\$954,691.90	\$1,572,490.60	\$2,198,120.22	\$2,798,372.00
Instructional				
Special Ed, ELL, FRM	\$212,793.60	\$328,766.11	\$451,505.46	\$581,313.28
Purchased Educational Services	\$19,200.00	\$29,664.00	\$39,552.00	\$49,440.00
Professional Development	\$5,000.00	\$8,500.00	\$11,000.00	\$14,000.00
Student Assessment/Testing	\$2,112.00	\$3,168.00	\$4,224.00	\$5,280.00
Supplies/Materials - Instructional	\$19,200.00	\$29,664.00	\$39,552.00	\$49,440.00
Computer and Science Lab Setup	\$50,630.75	\$50,630.75	\$76,129.75	\$131,660.60
Classroom Setup	\$54,181.36	\$27,090.68	\$27,090.68	\$27,090.68
Textbooks (Traditional or Tablet/Ebook)	\$57,600.00	\$28,800.00	\$28,800.00	\$28,800.00
Information Technology (Server)	\$4,353.00	\$4,353.00	\$0.00	\$0.00
Information Technology (Wiring-Network, Pho	\$30,000.00	\$5,000.00	\$5,000.00	\$5,000.00
Computer Supplies and Repairs	\$5,000.00	\$7,500.00	\$10,000.00	\$15,000.00
Library	\$9,600.00	\$14,400.00	\$19,200.00	\$24,000.00
Subtotal - Instructional	\$469,670.71	\$537,536.54	\$712,053.89	\$931,024.56

Loudoun Math & IT Academy - Operating Budget
**Projected Expenditures—2
of 3**

	2013-2014 Fiscal Year	2014-2015 Fiscal Year	2015-2016 Fiscal Year	2016-2017 Fiscal Year
	\$2,109,588.81	\$2,871,920.41	\$3,814,845.87	\$4,732,641.35
Expenditures, continued				
Business Services				
Accounting	\$10,800.00	\$11,124.00	\$11,457.72	\$11,801.45
Advertising (Enrollment, Outreach)	\$5,000.00	\$5,150.00	\$5,304.50	\$5,463.64
Public Relations/Marketing	\$5,000.00	\$5,150.00	\$5,304.50	\$5,463.64
Insurance - General Liability	\$10,200.00	\$10,506.00	\$10,821.18	\$11,145.82
Office Expenses	\$3,000.00	\$3,090.00	\$3,182.70	\$3,278.18
Fees, Licensing, Dues, and Memberships (Quickbooks, educational magazine, school reach, etc...)	\$3,000.00	\$3,090.00	\$3,182.70	\$3,278.18
Purchased Management Services	\$1,000.00	\$1,030.00	\$1,060.90	\$1,092.73
Postage and Shipping	\$3,000.00	\$4,635.00	\$6,365.40	\$8,195.45
Printing	\$10,000.00	\$15,450.00	\$21,218.00	\$27,318.18
Telephone	\$6,000.00	\$6,180.00	\$6,365.40	\$6,556.36
Travel	\$1,200.00	\$1,236.00	\$1,273.08	\$1,311.27
Subtotal - Business Services	\$58,200.00	\$66,641.00	\$75,536.08	\$84,904.89
Operations and Maintenance				
Contact Labor - Non-Instructional	\$6,000.00	\$6,180.00	\$10,000.00	\$10,300.00
Custodial Services	\$10,000.00	\$15,000.00	\$20,000.00	\$25,000.00
Supplies/Materials - Maintenance	\$3,000.00	\$4,500.00	\$6,000.00	\$7,500.00
Subtotal - Operations and Maintenance	\$19,000.00	\$25,680.00	\$36,000.00	\$42,800.00
Physical Plant				
Rent	\$200,000.00	\$300,000.00	\$400,000.00	\$500,000.00
Utilities	\$20,000.00	\$30,900.00	\$31,827.00	\$40,977.26
Subtotal - Physical Plant	\$220,000.00	\$330,900.00	\$431,827.00	\$540,977.26
Student Services				
Health (school nurse included in staffing)	\$2,500.00	\$1,000.00	\$1,030.00	\$1,060.90
Transportation	\$96,000.00	\$115,200.00	\$153,600.00	\$192,000.00
Food	\$0.00	\$0.00	\$0.00	\$0.00
Subtotal - Student Services	\$98,500.00	\$116,200.00	\$154,630.00	\$193,060.90

Loudoun Math & IT Academy - Operating Budget
**Projected Expenditures—3
of 3**

	2013-2014 Fiscal Year	2014-2015 Fiscal Year	2015-2016 Fiscal Year	2016-2017 Fiscal Year
	\$2,505,288.81	\$3,411,341.41	\$4,512,838.95	\$5,594,384.40
Expenditures, continued				
Miscellaneous				
Audit	\$0.00	\$10,000.00	\$8,500.00	\$8,755.00
Advertising (Recruitment)	\$2,000.00	\$2,060.00	\$2,121.80	\$2,185.45
Dues and Subscriptions (Inspection fee, Landscape etc...)	\$2,000.00	\$2,060.00	\$2,121.80	\$2,185.45
Workshops and Conferences	\$3,000.00	\$3,090.00	\$3,182.70	\$3,278.18
Legal	\$6,000.00	\$6,180.00	\$6,365.40	\$6,556.36
Loan Payment (in case grant not awarded)	\$0.00	\$0.00	\$137,005.00	\$137,005.00
Contingency Fund (3%)*	\$75,548.66	\$103,041.94	\$136,053.92	\$168,520.35
Subtotal - Miscellaneous	\$88,548.66	\$126,431.94	\$295,350.62	\$328,485.80
Total Expenditures	\$2,593,837.47	\$3,537,773.35	\$4,808,189.57	\$5,922,870.20

Beginning Balance	\$0.00	(\$43,107.87)	\$255,546.01	\$443,916.51
Net Surplus / Deficit	(\$43,107.87)	\$298,653.88	\$188,370.50	\$501,575.89
Ending Balance	(\$43,107.87)	\$255,546.01	\$443,916.51	\$945,492.39

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Appendix F (6 of 6)

Loudoun Math & IT Academy - Cash Flow Projections

Cashflow

	FY 14	Jul'13	Aug'13	Sept'13	Oct'13	Nov'13	Dec'13	Jan'14	Feb'14	Mar'14	Apr'14	May'14	Jun'14
Beginning Cash Balances		\$0	\$710	\$4,057	\$7,403	\$10,750	\$14,097	\$17,443	\$20,790	\$24,136	\$27,483	\$30,830	\$34,176
Revenues													
Revenue From Local Source													
Per Pupil Tuition	\$2,127,936.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00	\$177,328.00
Fundraising	\$10,000.00	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33
Revenue From Federal Sources													
Federal Entitlements (Special Ed,ELL,FRM)	\$212,793.60	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80
Federal Grants (Charter School Startup Grant)	\$200,000.00	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67
Total Revenues	\$2,550,729.60	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80	\$212,560.80
Expenditures													
School Administration													
Salaries and Wages - School Director	\$97,000.00	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33	\$8,083.33
Salaries and Wages - Supervisors	\$243,000.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00	\$20,250.00
Salaries and Wages - Clerical Staff	\$158,000.00	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67	\$13,166.67
Fringe Benefits - Health Insurance	\$74,700.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00	\$6,225.00
Fringe Benefits - Social Security + Life Benefits	\$39,491.40	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95	\$3,290.95
Fringe Benefits - Retirement Benefits	\$63,544.80	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40	\$5,295.40
Unemployment/Workers Compensation	\$2,490.00	\$207.50	\$207.50	\$207.50	\$207.50	\$207.50	\$207.50	\$207.50	\$207.50	\$207.50	\$207.50	\$207.50	\$207.50
Office Supplies	\$6,000.00	\$2,000.00	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64	\$363.64
Information Technology	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Subtotal - School Administration	\$685,226.20	\$59,518.85	\$56,882.49	\$56,882.49	\$56,882.49	\$56,882.49	\$56,882.49	\$56,882.49	\$56,882.49	\$56,882.49	\$56,882.49	\$56,882.49	\$56,882.49
Instructional Staff													
Salaries and Wages - Full-Time Teachers	\$691,000.00	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33	\$57,583.33
Salaries and Wages - Part-Time or Substitutes	\$10,000.00	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33
Fringe Benefits - Health Insurance	\$105,150.00	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50	\$8,762.50
Fringe Benefits - Social Security + Life Benefits	\$55,589.30	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44	\$4,632.44
Fringe Benefits - Retirement Benefits	\$89,447.60	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97	\$7,453.97
Unemployment/Workers Compensation	\$3,505.00	\$292.08	\$292.08	\$292.08	\$292.08	\$292.08	\$292.08	\$292.08	\$292.08	\$292.08	\$292.08	\$292.08	\$292.08
Subtotal - Instructional Staff	\$954,691.90	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66	\$79,557.66
Instructional													
Special Ed, ELL, FRM	\$212,793.60	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80	\$17,732.80
Purchased Educational Services	\$19,200.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00
Professional Development	\$5,000.00	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67
Student Assessment/Testing	\$2,112.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00	\$176.00
Supplies/Materials - Instructional	\$19,200.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00
Classroom Furniture	\$54,181.36	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11	\$4,515.11
Textbooks (Traditional or Tablet/Ebook)	\$57,600.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$4,800.00
Information Technology	\$4,353.00	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75	\$362.75
Computer Supplies and Repairs	\$5,000.00	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67
Library	\$9,600.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
Subtotal - Instructional	\$389,039.96	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00	\$32,420.00
Business Services													

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Loudoun Math & IT Academy - Cash Flow Projections

Cashflow

	FY 14	Jul'13	Aug'13	Sept'13	Oct'13	Nov'13	Dec'13	Jan'14	Feb'14	Mar'14	Apr'14	May'14	Jun'14
Accounting	\$10,800.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00
Advertising	\$5,000.00	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67
Public Relations/Marketing	\$5,000.00	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67	\$416.67
Insurance - General Liability	\$10,200.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00
Office Expenses	\$3,000.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
Fees, Licensing, Dues, and Memberships	\$3,000.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
Purchased Management Services	\$1,000.00	\$83.33	\$83.33	\$83.33	\$83.33	\$83.33	\$83.33	\$83.33	\$83.33	\$83.33	\$83.33	\$83.33	\$83.33
Postage and Shipping	\$3,000.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
Printing	\$10,000.00	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33
Telephone	\$6,000.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
Travel	\$1,200.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00
Subtotal - Business Services	\$58,200.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00	\$4,850.00
Operations and Maintenance													
Contact Labor - Non-Instructional	\$6,000.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
Custodial Services	\$10,000.00	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33	\$833.33
Supplies/Materials - Maintenance	\$3,000.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
Subtotal - Operations and Maintenance	\$19,000.00	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33	\$1,583.33
Physical Plant													
Rent	\$200,000.00	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67	\$16,666.67
Utilities	\$20,000.00	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67	\$1,666.67
Subtotal - Physical Plant	\$220,000.00	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33	\$18,333.33
Student Services													
Health (nurse included in staffing)	\$2,500.00	\$208.33	\$208.33	\$208.33	\$208.33	\$208.33	\$208.33	\$208.33	\$208.33	\$208.33	\$208.33	\$208.33	\$208.33
Transportation	\$96,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
Food	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Subtotal - Student Services	\$98,500.00	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33	\$8,208.33
Miscellaneous													
Audit	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Advertising	\$2,000.00	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67
Dues and Subscriptions	\$2,000.00	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67	\$166.67
Workshops and Conferences	\$3,000.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
Legal	\$6,000.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
Loan Payment (in case grant not awarded)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Contingency Fund (3%)	\$75,548.66	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72	\$6,295.72
Subtotal - Miscellaneous	\$88,548.66	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06	\$7,379.06
Total Expenditures	\$2,513,206.72	\$211,850.56	\$209,214.20	\$209,214.20	\$209,214.20	\$209,214.20	\$209,214.20	\$209,214.20	\$209,214.20	\$209,214.20	\$209,214.20	\$209,214.20	\$209,214.20