1. **8/29-8/30**  Welcome to AP Statistics with Introductory Analysis  
   Classroom Philosophies and Procedures - Homework:  
   **Send Mr. Brown Class Philosophies' Email**
2. **8/31-9/01**  Chapters 1 and 2 – Data Homework:  
   Read Chapter 1 and Chapter 2 pg. 2-15  
   Problem Set #1-4
3. **9/02-9/06**  Chapter 3: Categorical Variables Homework:  
   Read Chapter 3 pg. 20-35  
   Problem Set #5-12
4. **9/07-9/08**  **Quiz Chapter 2 and 3 next class**  
   Chapter 4: Displaying Quantitative Data Homework:  
   Read Chapter 4 – pg. 45-63  
   **Chapter 3 Investigative Task**
5. **9/09-9/12**  Chapter 4: Displaying Quantitative Data Homework:  
   Problem Set #13-19  
   Read Chapter 5 pg. 73-89
6. **9/13-9/14**  Chapter 4: Displaying Quantitative Data  
   Chapter 5 – Describing Distributions Numerically  
   Homework: **Chapter 4 Investigative Task**
7. **9/15-9/16**  Chapter 5 – Describing Distributions Numerically  
   Chapter 6 – Standard Deviation and the Normal Model Homework:  
   Problem Set #20-28
8. **9/19-9/20**  **Quiz Chapter 4 and 5 next class**  
   Chapter 6 – Standard Deviation and the Normal Model  
   Homework: Study for Quiz Chapters 4 and 5
9. **9/21-9/22**  Chapter 6 – Standard Deviation and the Normal Model Homework:  
   Read Chapter 6 pg. 102-122
10. **9/23-9/26**  Chapter 6 – Standard Deviation and the Normal Model Homework:  
    Problem Set #29-34
11. **9/27-9/28**  **Quiz Chapter 6 next class**  
    Chapter 6 – Standard Deviation and the Normal Model Homework:  
    Problem Set #35-40
12. **9/29-9/30**  **Test on Chapters 2-6 next class**  
    Chapter 2-6 Review Homework:  
    **Problem Sets Due Next Class**
13. **10/3-10/4**  Test Chapters 2-6 Homework:  
    Read Chapter 7 pg. 142-159
14. 10/5-10/6 Chapter 7 – Scatter plots, Association, and Correlation Homework:
   Unit II Problem Set #1-4
15. 10/7-10/11 Quiz Chapter 7 next class
   Chapter 7 – Scatter plots, Association, and Correlation
   Chapter 8 – Linear Regression Homework:
   Problem Set #5-9
16. 10/12-10/13 Chapter 8 – Linear Regression Homework:
   Read Chapter 8 pg. 168-188
   Problem Set #10-15
17. 10/14-10/17 Chapter 8 – Linear Regression Homework:
   Chapter 9 – Regression Wisdom
18. 10/18-10/19 Test next class on Chapter 7 and 8
   Chapter 9 – Regression Wisdom Homework:
   Read Chapter 9 pg. 198-212
19. 10/20-10/21 Test Today on Chapter 7 and 8
   Chapter 9 – Regression Wisdom Homework:
   Problem Set #16-21
20. 10/24-10/25 Chapter 9 – Regression Wisdom
   Chapter 10 – Re-expressing Data: Get It Straight - Homework:
   Chapter 9 Investigative Task and Read Chapter 10 pg. 220-238
21. 10/26-10/27 Chapter 10 – Re-expressing Data: Get It Straight
   Problem Set #22-26
22. 10/28-10/31 Chapter 10 Quiz next class
   Chapter 10 – Re-expressing Data: Get it straight
   Chapter 10 Worksheet – Homework:
23. 11/1-11/2 Problem Set Unit II due Next Class and Chapter 7-10 Test Next Class
   Quiz Today Chapter 10 and Review Linear Regression
   Homework: Read Chapter 11 pg. 257-265
24. 11/3-11/4 Test Today on Chapter 7-10 and Problem Set Due
   Linear Regression – Homework:
   AP Practice Units I and II worksheet #1 and Read Chapter 11
Assignment Sheet #3 – Unit III – Chapter 11-13 Collecting Data

1. **11/09-10**  Test Today on Chapter 7-10 and Problem Set Unit II Due
   Linear Regression – Homework:
   AP Practice Units I and II worksheet #1 and Read Chapter 11

2. **11/11-14**  Collect AP Unit I-II Worksheet
   Chapter 11 Quiz next class
   Chapter 11 – Randomness Homework:
   Problem Set #1 – 6

3. **11/15-16**  Chapter 12 – Sample Surveys Homework:
   Read Chapter 12 pg. 270-289 - Chapter 11 Investigative Task

4. **11/17-18**  Quiz Chapter 12 next class
   Chapter 12 – Sample Surveys Homework:
   Problem Set #7 – 15

5. **11/21-22**  Review Chapter 12
   Begin Chapter 13 – Experiments and Observational Studies
   HW: Read Chapter 13 and AP Unit I-II #2 worksheet

6. **11/28-29**  Continue Chapter 13
   Worksheet Chapter 13
   Problem Set #16 – 21

7. **11/30-12/1**  Design Chapter 13 Quiz/Experiment
   Worksheet Chapter 13
   HW: Study for Chapter 13 Quiz/Experiment

8. **12/02-05**  Chapter 13 Quiz
   Review Chapter 11-13
   Chapter 14 – Probability
   HW: MC Practice for Unit III (Chapters 11-13)

9. **12/06-07**  Test Chapter 11-13 next class
   Review Chapter 13
   Evaluate Chapter 13 Experiment
   Chapter 14 – Probability
   HW: Study for Chapter 11-13 Test and Problem Set Unit III due next class

10. **12/08-09**  Test on Chapter 11-13 Today
    Continue with Chapter 14 – Probability
    HW: Problem Set Unit IV #1 – 6

11. **12/12-13**  Quiz Chapter 14 next class
    Continue Chapter 14 with worksheet
    HW: Problem Set Unit IV #7 – 11 and Study for Quiz

12. **12/14-15**  Begin Chapter 15 – Probability Rules
    HW: Read Chapter 15 and AP Unit I – III #1 worksheet
1. **12/02-05**  
   **Test next class on Chapters 11-13**  
   Review Chap 11-13 and Begin Chapter 14 – Probability  
   HW: Study for Test and **Problem Set Unit III due next class**

2. **12/06-07**  
   Test on Chapter 11-13 Today  
   Continue with Chapter 14 – Probability  
   HW: Problem Set Unit IV #1 – 6

3. **12/08-09**  
   **Quiz Chapter 14 next class**  
   Continue Chapter 14 with worksheet  
   HW: Problem Set Unit IV #12 – 17

4. **12/12-13**  
   Begin Chapter 15 – Probability Rules  
   HW: Read Chapter 15 and **AP Unit I – III #1 worksheet**

5. **12/14-15**  
   Begin/Continue Chapter 15  
   HW: Problem Set Unit IV #18 – 22

6. **12/20-21**  
   Review/Quiz Chapter 15  
   Begin Chapter 16 – Random Variables  
   HW: Read Chapter 16 and **AP Unit I-III Worksheet #2**

7. **1/03-04**  
   Begin/Continue Chapter 16 – Random Variables  
   HW: Problem Set Unit IV #23 – 28

8. **1/05-06**  
   Continue Chapter 16 – Random Variables  
   HW: Problem Set Unit IV #29 – 32

9. **1/09-10**  
   **Quiz next class on Chapter 16**  
   Review Chapter 16 and Begin Chapter 17 – Probability Models  
   HW: Read Chapter 17 and study for quiz on Chapter 16

10. **1/11-12**  
    Review Chapter 16 – Random Variables  
    Continue Chapter 17 – Probability Models  
    HW: Problem Set Unit IV #33-38

11. **1/13-17**  
    **Quiz Chapter 17 next class**  
    Review Chapter 17 – Probability Models  
    HW: AP Multiple Choice Probability Questions

12. **1/18-19**  
    Review Chapter 16-17  
    HW: **AP Unit I – IV #1 worksheet**

13. **1/20-23**  
    **Test next class on Chapter 14-17**  
    Begin Chapter 18 – Sampling Distributions  
    M&M Activity illustrating Sampling Distributions  
    HW: Study for Test and Finish Problem Set Unit IV

14. **1/24-25**  
    **Collect Problem Set Unit IV and Test Today on Probability: Chapters 14-17**
AP STATISTICS – Mr. Brown
Assignment Sheet #4 – Unit IV – Chapter 14-17
Probability Models

16. __________ Chapter 18 – Sampling Distributions
M&M Activity illustrating Sampling Distributions
HW: AP Unit I – IV #1 worksheet

17. __________ Test next class on Chapter 14-17
Begin/Continue Chapter 18 – Sampling Distributions
M&M Activity illustrating Sampling Distributions
HW: Study for Test and Finish Problem Set Unit IV

18. __________ Test Today on Probability on Chapters 14-17
HW: Problem Set Unit V #1 -
## AP STATISTICS – Mr. Brown
### Assignment Sheet #5 – Unit V – Chapter 18-22
### Sampling Distributions

1. **1/30-1/31**  Test Today on Probability on Chapters 14-17  
   Begin/Continue Chapter 18 – Sampling Distributions  
   HW: Problem Set Unit V #1 – 6
2. **2/01-2/02**  Continue Chapter 18 – Sampling Distributions  
   HW: Problem Set Unit V #7 – 11
3. **2/03-2/06**  **Quiz Chapter 18 next class**  
   Review Chapter 18 – Sampling Distributions  
   Begin Chapter 19 – Confidence Intervals  
   HW: Check/Finish Problem Set Unit V #1 – 11 and Study for Quiz on Chapter 18
4. **2/07-2/08**  Review Chapter 18  
   Continue Chapter 19 – Confidence Intervals for Proportions  
   HW: Read Chapter 19 and [AP Unit I-IV #2 worksheet](#)
5. **2/09-2/10**  Continue Chapter 19 – Confidence Intervals for Proportions  
   HW: Problem Set Unit V #12 – 16
6. **2/13-2/14**  **Quiz Chapter 19 next class**  
   Worksheet Chapter 19  
   HW: Problem Set Unit V #17 – 21
7. **2/15-2/16**  Review Chapter 19  
   Begin Chapter 20 – Hypothesis Tests for Proportions  
   HW: Read Chapter 20 and [AP Unit I-IV #3 worksheet](#)
8. **2/17-2/21**  Continue Chapter 20 – Hypothesis Tests  
   HW: Problem Set Unit V #22 – 26
9. **2/22-2/23**  **Quiz Chapter 20 next class**  
   Worksheet Chapter 20  
   Begin Chapter 21 – More About Tests  
   HW: Problem Set Unit V #27 – 30
10. **2/24-2/27**  Review Chapter 20  
    Continue Chapter 21 – More About Tests  
    HW: Read Chapter 21
    Begin Chapter 22 – Comparing Two Proportions  
    HW: Problem Set Unit V #31 – 34
12. **3/02-3/03**  **Quiz Chapter 21 next class**  
    Review Chapter 21 – More About Tests  
    Continue Chapter 22 – Comparing Two Proportions  
    HW: Problem Set Unit V #35 – 37
13. 3/06-3/07  Review Chapter 21
     Continue Chapter 22 – Comparing Two Proportions
     HW: Read Chapter 22 and AP Unit I-IV Review #4 worksheet

14. 3/08-3/09  Continue Chapter 22 – Comparing Two Proportions
     HW: Problem Set Unit V #38 – 41

15. 3/10-3/13  Quiz Chapter 22 next class
     Review Chapter 22 – Comparing Two Proportions
     HW: Problem Set Unit V #42 – 44 (Finish Problem Set)

16. 3/14-3/15  Quiz Today for Chapter 22
     Begin Chapter 23 – Inferences on Means
     Review Chap 18-22
     HW: MC Practice for Chapters 18-22

17. 3/16-3/17  Test next class on Chapters 18-22 and Problem Set Unit V Due Next Class
     Review Chapters 18-22
     Begin/Continue Chapter 23 – Inferences on Means
     HW: Study for test on Unit V: Chapters 18-22
1. **3/23-24** Pick Up Problem Set Unit VI (Chapters 23-25)
   Begin Chapter 23 – Inferences on Means (Quantitative Data) and T-Models
   HW: Read Chapter 23 and Problem Set Unit VI #1 – 6

2. **3/27-28** **Chapter 23 Quiz next class**
   Continue/Review Chapter 23 – Inferences on Means
   HW: Read Chapter 24 and Problem Set Unit VI #1-6

   Begin Chapter 24 – Comparing Means
   HW: Read Chapter 24

4. **3/31-4/03** Begin/Continue Chapter 24 – 2 Sample T-Inferences
   HW: Problem Set Unit VI #7 – 10

5. **4/04-05** **AP MC Practice Post Test next class**
   Continue/Review Chapter 24 – 2 Sample T-Inferences
   Begin Chapter 25 – Matched Pairs Inference
   HW: Read Chapter 25 and Problem Set #7-10

6. **4/06-17** **Chapter 24 Quiz next class**
   Continue Chapter 25 – Match Pairs Inference
   HW: Problem Set Unit VI #11-13

7. **4/18-19** **Chapter 25 Quiz next class**
   Review Chapter 25 – Matched Pairs Inference
   Inference Review worksheet (Chapters 18-25)
   HW: Finish Problem Set Unit VI

8. **4/20-21** Review Inference Chapter 18-25
   HW: Group Inference Review Worksheets or MC Practice Unit VI

9. **4/24-25** **Test next class on Chapters 18-25**
   Chapter 26 – Comparing Counts and Chi-Square Tests
   Chi-Square Activity – Are candy colors/flavors evenly distributed?
   HW: Study for the test on Chapters 18-25

10. **4/26-27** **Turn in Problem Set Unit VI**
    Test Today on Chapters 18-25
    HW: Chapter 26 – Chi Square Worksheet

11. **4/28-5/01** Review Chapter 26 – Chi Square
    Review Linear Regression
    Begin Chapter 27 – Inference Regression
    Chapter 27 – Review Worksheet
    HW: AP Free Response Packet #1 – READ ahead

12. **5/02-03** **AP Pick 1 #1 – Practice Free Response Timing**
    Review Chapter 27 – Regression Inference
    Review Inference – Identifying Methods
    Calculator Tips Handout, Test Taking Tips, Inference Reminder Handout
    HW: AP Free Response Packet #2 – READ ahead
13. **5/04-05**  AP Pick 1 #2 – Practice Free Response Timing
   Handout/Explain End of Year Project
   AP Exam Scoring Simulator
   MC Practice for the AP Exam
   HW: AP Free Response Packet #3 – READ ahead

14. **5/08-09**  AP Pick 1 #3 – Practice Free Response Timing
   Chapter by Chapter, Review for AP Test
   MC Practice for the AP Exam

15. **5/10-11**  Project Proposals due next class
   Last Minute Test Taking Tips
   HW: GOOD LUCK ON AP TEST

   **AP Statistics Exam** – Thursday, May 11 @ 12:30 PM – eat 1st Lunch