AP STATISTICS – Mr. Brown
Assignment Sheet #1 – Unit I – Chapter 2-6

1. 8/31-9/01  Welcome to AP Statistics with Introductory Analysis
   Classroom Philosophies and Procedures - Homework:
   Send Mr. Brown Class Philosophies’ Email

2. 9/02-9/03  Chapters 1 and 2 – Data Homework:
   Read Chapter 1 and Chapter 2 pg. 2-15
   Problem Set #1-4

3. 9/04-9/08  Chapter 3: Categorical Variables Homework:
   Read Chapter 3 pg. 20-35
   Problem Set #5-12

4. 9/09-9/10  Quiz Chapter 2 and 3 next class
   Chapter 4: Displaying Quantitative Data Homework:
   Read Chapter 4 – pg. 45-63
   Chapter 3 Investigative Task

5. 9/11-9/14  Chapter 4: Displaying Quantitative Data Homework:
   Problem Set #13-19
   Read Chapter 5 pg. 73-89

6. 9/15-9/16  Chapter 5 – Describing Distributions Numerically
   Homework: Chapter 4 Investigative Task

7. 9/17-9/18  Quiz Chapter 4 and 5 next class
   Chapter 5 – Describing Distributions Numerically
   Chapter 6 – Standard Deviation and the Normal Model Homework:
   Problem Set #20-28

8. 9/21-9/22  Chapter 6 – Standard Deviation and the Normal Model
   Homework: Read Chapter 6 pg. 102-122

9. 9/23-9/24  Chapter 6 – Standard Deviation and the Normal Model Homework:
   Problem Set #29-34

10. 9/25-9/28  Quiz Chapter 6 next class
    Chapter 6 – Standard Deviation and the Normal Model Homework:
    Problem Set #35-40

11. 9/29-9/30  Test on Chapters 2-6 next class
    Chapter 2-6 Review Homework:
    Problem Sets Due Next Class

12. 10/1-10/2  Test Chapters 2-6 Homework:
    Read Chapter 7 pg. 142-159
13. **10/5-10/6**  Chapter 7 – Scatter plots, Association, and Correlation Homework:
   Unit II Problem Set #1-4

14. **10/7-10/8**  **Quiz Chapter 7 next class**
   Chapter 7 – Scatter plots, Association, and Correlation Homework:
   Problem Set #5-9

15. **10/9-10/13**  Chapter 8 – Linear Regression Homework:
   Read Chapter 8 pg. 168-188
   Problem Set #10-15

16. **10/14-10/16**  **Test next class on Chapter 7 and 8**
   Chapter 8 – Linear Regression Homework:
   Chapter 9 – Regression Wisdom

17. **10/19-10/20**  Chapter 9 – Regression Wisdom Homework:
   Read Chapter 9 pg. 198-212

18. **10/21-10/22**  Chapter 9 – Regression Wisdom Homework:
   Problem Set #16-21
   Read Chapter 10 pg. 220-238

19. **10/23-10/26**  Chapter 9 – Regression Wisdom
   Chapter 10 – Re-expressing Data: Get It Straight - Homework:
   Chapter 9 Investigative Task

20. **10/27-10/28**  Chapter 10 – Re-expressing Data: Get It Straight
   Problem Set #22-26

21. **10/29-10/30**  **Chapter 7-10 Test next class**
   Chapter 10 – Re-expressing Data: get it straight
   Chapter 10 Worksheet – Homework:
   **Problem Set Unit II due Next Class**

22. **11/4-11/5**  Chapter 7-10 Test
   Homework: Read Chapter 11 pg. 257-265
   **AP Practice Units I and II worksheet #1**
1. __________ Chapter 11 Quiz next class
   Chapter 11 – Randomness Homework:
   Problem Set #1 – 6

2. __________ Chapter 12 – Sample Surveys Homework:
   Read Chapter 12 pg. 270-289 - Chapter 11 Investigative Task

3. __________ Quiz Chapter 12 next class
   Chapter 12 – Sample Surveys Homework:
   Problem Set #7 – 15

4. __________ Review Chapter 12
   Begin Chapter 13 – Experiments and Observational Studies
   HW: Read Chapter 13 and AP Unit I-II #2 worksheet

5. __________ Continue Chapter 13
   Worksheet Chapter 13
   Problem Set #16 – 21

6. __________ Design Chapter 13 Quiz/Experiment
   Worksheet Chapter 13
   HW: Study for Chapter 13 Quiz/Experiment

7. __________ Chapter 13 Quiz
   Chapter 14 – Probability
   HW: MC Practice for Unit III (Chapters 11-13)

8. __________ 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

9. __________ Test on Chapter 11-13 Today
   Continue with Chapter 14 – Probability
   HW: Problem Set Unit IV #1 – 6
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Assignment Sheet #4 – Unit IV – Chapter 14-17
Probability Models

1. __________ 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

2. __________ Test on Chapter 11-13 Today
   Continue with Chapter 14 – Probability
   HW: Problem Set Unit IV #1 – 6

3. __________ Quiz Chapter 14 next class
   Continue Chapter 14 with worksheet
   HW: Problem Set Unit IV #7 – 11 and Study for Quiz

4. __________ Begin Chapter 15 – Probability Rules
   HW: Read Chapter 15
   AP Unit I – III #1 worksheet

5. __________ Continue Chapter 15
   HW: Problem Set Unit IV #12 – 17

6. __________ Continue Chapter 15 with Worksheet
   HW: Problem Set Unit IV #18 – 22

7. __________ Quiz Chapter 15 next class
   Review Chapter 15
   HW: Study for Chapter 15 Quiz

8. __________ Begin/Continue Chapter 16 – Random Variables
   HW: Problem Set Unit IV #23 – 28

9. __________ Continue Chapter 16 – Random Variables
   HW: Problem Set Unit IV #29 – 32

10. __________ Review Chapter 16 with worksheet
    Begin Chapter 17 – Probability Models
    HW: Read Chapter 17

11. __________ Review Chapter 16 – Random Variables
    Begin Chapter 17 – Probability Models
    HW: Problem Set Unit IV #33-38

12. __________ Quiz Chapter 16-17 next class
    Review Chapter 17 – Probability Models
    Chapter 17 worksheet
    HW: AP Multiple Choice Probability Questions
13. _________  Chapter 18 – Sampling Distributions
   M&M Activity illustrating Sampling Distributions
   HW: AP Unit I – IV #1 worksheet

14. _________  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

15. _________  Test Today on Probability on Chapters 14-17
   HW: Problem Set Unit V #1 -
Sampling Distributions

1. __________ **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

2. __________ **Test Today on Probability on Chapters 14-17**
   HW: Problem Set Unit V #1 – 6

3. __________ **Continue Chapter 18 – Sampling Distributions**
   HW: Problem Set Unit V #7 – 11

4. __________ **Quiz Chapter 18 next class**
   Chapter 18 – Sampling Distributions
   Chapter 18 worksheet
   Chapter 19 – Confidence Intervals
   HW: Check/Finish Problem Set Unit V #1 – 11 and Study for Quiz on Chapter 18

5. __________ **Review Chapter 18**
   Begin Chapter 19 – Confidence Intervals for Proportions
   HW: Read Chapter 19 and **AP Unit I-IV #2 worksheet**

6. __________ **Continue Chapter 19 – Confidence Intervals for Proportions**
   HW: Problem Set Unit V #12 – 16

7. __________ **Quiz Chapter 19 next class**
   Worksheet Chapter 19
   HW: Problem Set Unit V #17 – 21

8. __________ **Review Chapter 19**
   Begin Chapter 20 – Hypothesis Tests for Proportions
   HW: Read Chapter 20 and **AP Unit I-IV #3 worksheet**

9. __________ **Continue Chapter 20 – Hypothesis Tests**
   HW: Problem Set Unit V #22 – 26

10. __________ **Quiz Chapter 20 next class**
    Worksheet Chapter 20
    Begin Chapter 21 – More About Tests
    HW: Problem Set Unit V #27 – 30

11. __________ **Review Chapter 20**
    Continue Chapter 21 – More About Tests
    HW: Read Chapter 21 and Problem Set Unit V #31 – 34

12. __________ **Quiz Chapter 21 next class**
    Review Chapter 21 – More About Tests
    Worksheet Chapter 21
    HW: Problem Set Unit V #35 – 37
13. __________ Review Chapter 21
    Begin Chapter 22 – Comparing Two Proportions
    HW: Read Chapter 22 and AP Unit IV Review #4 worksheet

14. __________ Continue Chapter 22 – Comparing Two Proportions
    HW: Problem Set Unit V #38 – 41

15. __________ Quiz Chapter 22 next class
    Review Chapter 22 – Comparing Two Proportions
    Worksheet Chapter 22
    HW: Problem Set Unit V #42 – 44

16. __________ Review Chapter 22
    Begin Chapter 23 – Inferences on Means (Quantitative Data)
    HW: Read Chapter 23 and AP Unit I – V #1 worksheet

17. __________ Test on Unit V next class
    Begin/Continue Chapter 23 – Inferences on Means
    HW: Study for Test on Unit V (Chapters 18-22) and Problem Set Unit V due next class
18. Review Chapter 23 – Inferences on Means  
Worksheet Chapter 23  
HW: Read Chapter 24 and Chapter 23 Quiz

19. Probability Experiment  
Continue Chapter 23 – Inferences on Means  
HW: pg. 541 (1 – 15 odd)

20. Review Chapter 23 – Inferences on Means  
Worksheet Chapter 23  
HW: Read Chapter 24 and Chapter 23 Quiz

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Assignment Sheet #5

21. Review Chapter 23  
Begin Chapter 24 – 2 Sample T-Inferences  
HW: pg. 566 (1-6, 11, 12)

22. Practice AP Exam – Multiple Choice Section next class  
Continue Chapter 24 – 2 Sample T-Inferences  
Worksheet Chapter 24  
HW: Chapter 24 Quiz

23. Practice MC Exam  
Chapter by Chapter Review Handout  
HW: Read Chapter 25 for next class

24. Begin Chapter 25 – Match Pairs Design  
Worksheet Chapter 25  
HW: AP Unit V #2 worksheet

25. Review Chapter 25  
Go Over Practice MC Exam  
HW: Inference Review worksheet

26. Review Inference Chapters (18 – 25)  
Chapter 26 – Comparing Counts and Chi-Square Tests  
Skittles Activity – Are candies evenly distributed?  
HW: AP Unit VI packet

27. Chapter 23-25 AP Free Response Problems  
Calculator Tips Handout  
Common Mistakes handout (AP Scoring)  
HW: 2006 Form A Free Response Questions

28. Review All Chapters (with Handout)  
Free Response Practice Questions  
Multiple Choice Questions  
HW: 2007 Form A Free Response Questions

29. Test Taking Strategies  
Free Response Practice Questions  
Multiple Choice Questions
HW: 2008 Form B Free Response Questions
30. _________ Free Response Practice Questions
Multiple Choice Questions
HW: 2008 Form A Free Response Question