Block Schedule Example 1

16 weeks, 85-minute instructional days, every day

* Approximately 74 days (80 days – 6 for breaks)
* No end of semester review for AP Exam or breaks for final

Block Schedule Example 2

28 instructional weeks, 85-minute days, every other day

* Approximately 70 days
* Does not account for semester finals or AP review

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| *Unit* | *Instructional Days* | *Lessons* |
| Unit 1: Exploring One Variable Data | 11 days | 1. Opening Activities & Syllabus
2. Unit 1 Notes 1 – Representing Categorical Variables with Graphs
3. Unit 1 Notes 2 – Representing Quantitative Variables with Graphs
4. Unit 1 Notes 3 – Describing and Summarizing Quantitative Variables
5. Game of Greed
6. Unit 1 Notes 4 – Comparing Distributions
7. Unit 1 Quiz

~~What is Normal?~~1. Unit 1 Notes 5 – Empirical Rule and Z-Scores
2. Unit 1 Notes 6 – The Standard Normal Curve
3. Unit 1 In Class Review & Unit 1 Project
4. Unit 1 Test
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| Unit 2: Exploring Two Variable Data | 8 days | 1. Unit 2 Notes 1 – Two Categorical Variables
2. Vitruvian Man Activity
3. Unit 2 Notes 2 – Scatterplots and Correlation

~~Activity: Are We Compatible?~~1. Unit 2 Quiz
2. Unit 2 Notes 3 – Linear Regression
3. Unit 2 Notes 4 – Influential Points and Departure from Linearity
4. Unit 2 In Class Review & Unit 2 Project
5. Unit 2 Test
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| Unit 3: Collecting Data | 8 days | 1. Activity: Show Me the Money! & Unit 3 Notes 1 – Planning a Study
2. Pumpkin Picking Activity
3. Unit 3 Notes 2 – Potential Problems with Sampling
4. Unit 3 Quiz
5. Unit 3 Notes 3 – Selecting Random Samples and Introduction to Experiments
6. Unit 3 Notes 4 – Experimental Design
7. Unit 3 In Class Review & Unit 3 Project
8. Unit 3 Test
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| Unit 4: Probability, Random Variables, and Probability Distributions | 12 days | 1. Activity: Intro to Probability & Unit 4 Notes 1 – Basic Probability and Simulations
2. Unit 4 Notes 2 – The Addition Rule & Unit 4 Notes 3 – Venn Diagrams, Unions, and Intersections
3. Unit 4 Notes 4 – The Multiplication Rule and Conditional Probability
4. Unit 4 Circuit Review
5. Probability Summary & Probability Quiz
6. Unit 4 Notes 5 – Discrete and Continuous Random Variables & Unit 4 Notes 6 – Combining Random Variables
7. Activity: Introduction to the Binomial & Unit 4 Notes 7 – The Binomial Distribution
8. Unit 4 Notes 8 – The Geometric Distribution
9. Activity: The Binomial Distribution of Blue
10. Random Variables Summary & Random Variables Quiz
11. Unit 4 In Class Review & Unit 4 Project
12. Unit 4 Test
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| Unit 5: Sampling Distributions | 9 days | 1. Unit 5 Notes 1 – The Normal Distributions and Combining Normal Random Variables
2. Unit 5 Notes 2 – Sampling Distribution of a Sample Proportion
3. Unit 5 Notes 3 – Sampling Distribution of a Difference in Sample Proportions
4. Unit 5 Quiz
5. Unit 5 Notes 4 – Sampling Distribution of a Sample Mean
6. Unit 5 Notes 5 – Sampling Distribution of a Difference in Sample Means
7. Activity: Penny Ages
8. Unit 5 In Class Review & Unit 5 Review Game: Jeopardy
9. Unit 5 Test
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| Unit 6: Inference for Proportions | 8 days | 1. Unit 6 Notes 1 – Confidence Intervals for Population Proportions
2. Unit 6 Notes 2 – Significance Test for Proportions
3. Unit 6 Quiz
4. Unit 6 Notes 3 – Errors and Power
5. Unit 6 M&M Activity & Unit 6 Notes 4 – Relationship between Confidence Intervals and Significance Tests
6. Unit 6 Notes 5 – Comparing Population Proportions
7. Unit 6 In Class Review & Unit 6 Project
8. Unit 6 Test
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| Unit 7: Inference for Means | 8 days | ~~Unit 7 Activity: Walk It Out~~1. Unit 7 Notes 1 – Confidence Intervals for Means
2. Unit 7 Notes 2 – Significance Tests for Means
3. Unit 7 M&M Activity: Testing a Claimed Mean
4. Unit 7 Quiz
5. Unit 7 Notes 3 – Margin of Error and Matched Pairs & Unit 7 Notes 4 – Difference Between Two Means
6. Unit 7 Notes 5 – Choosing Your Inference Method
7. Unit 7 In Class Review & Unit 7 Project
8. Unit 7 Test
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| Unit 8: Inference with Chi-Square | 7 days | 1. Unit 8 Notes 1 – Chi-Square Goodness of Fit Test & M&M Activity: Distribution of Colors
2. Unit 8 Notes 2 – Chi-Square Test for Homogeneity
3. Unit 8 Quiz
4. Unit 8 Notes 3 – Chi-Square test for Association/Independence
5. Unit 8 Notes 4 – Comparing Three Chi-Square Tests
6. Unit 8 In Class Review & Activity: Mad Libs
7. Unit 8 Test
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| Unit 9: Inference for Slopes | 4 days | 1. Unit 9 Notes 1 – Sampling Distributions and Confidence Intervals for Slopes
2. Unit 9 Notes 2 – Hypothesis Testing for Slope
3. M&M Activity: Height vs Chocolate Grab & Unit 9 Test Review
4. Unit 9 Test
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