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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |