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| **Honors Geometry – Spring 2018**  **Unit 2: Logic and Conditional Statements\***  \* subject to change | | |
| Date | Standard | Topic and Assignment |
| Fri  8/10  Day 8 | Cobb Honors Standards – Unit 2, #1  **What am I learning today?**  What are the different logic statements?  **How will I show that I learned it?**  Be able to write the converse, contra-positive, and inverse of statements. | Unit Opener WS - Patterns Lesson 1 Conditional Statements  (Textbook Module 1-4)  Inductive Reasoning  (Textbook Module 1-3)  Deductive Reasoning  (Textbook Module 1-5) Assignment p. 25 # 14, 15, 17, 18, 20-27, 37, 38, 40, 44  p. 33 # 13-29, 38, 40, 41 |
| Mon  8/13  Day 9 | Cobb Honors Standards – Unit 2, #1  **What am I learning today?**  What is a biconditional statement?  **How will I show that I learned it?**  Be able to turn two conditional statements into a biconditional one. | Lesson 2 Biconditional Statements and Definitions  (Textbook Module 2-1) Assignment p. 39 # 9-13, 19,20, 27, 29  p. 49 # 10-23, 30-32 |
| Tues  8/14  Day 10 | Cobb Honors Standards – Unit 2, #1  **What am I learning today?**  What is an Algebraic Proof?  **How will I show that I learned it?**  Be able to identify the algebraic properties and use them to write simple mathematical proofs. | Lesson 3 Algebraic Proof (include review of ALL algebraic properties)  (Textbook Module 2-2) Assignment WS – Algebraic Proofs  p. 56 # 23-28, 30-32, 34, 35 |
| Wed  8/15  Day 11 |  | Summer Packet Answers to questions and Quiz |
| Thurs  8/16  Day 12 |  | Review WS – Unit 2 Test Review |
| Fri  8/17  Day 13 |  | Test Unit 2: Logic and Conditional Statements |