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| **Honors Geometry – Fall 2018**  **Unit 7: Surface Area and Volume\***  \* subject to change | | |
| Date | Standard | Topic and Assignment |
| Tues  11/6 |  | No School |
| Wed  11/7  Day 64 |  | EOC Review  - This will be graded for accuracy.  - All your answers MUST be on answer document provided.  - Work must be shown (you can staple your paper to the back).  - You will not be able to answer all questions at this time. It’s ok. This isn’t due until 11/28 (don’t procrastinate!!!).  *Behave for the sub. I’ll greet you with a detention slip if the sub leaves your name* |
| Thurs  11/8  Day 65 | MGSE9-12.G.GMD.1  MGSE9-12.G.GMD.3  Cobb Honors Standards – Unit 7, #1  **What am I learning today?**  How to find the Surface Area and Volume of certain 3-D objects  **How will I show that I learned it?**  Be able to accurately calculate the Surface Area and Volume of prisms and cylinders | Unit 4 Review Touchstone  Lesson 1  Surface Area and Volume of Prisms and Cylinders  Assignment  p. 366 # 13-21, 26-29, 31, 45 (SA also for 13, 14, 15, 17, 19) |
| Fri  11/9  Day 66 | MGSE9-12.G.GMD.1  MGSE9-12.G.GMD.3  Cobb Honors Standards – Unit 7, #1  **What am I learning today?**  How to find the Surface Area and Volume of certain 3-D objects  **How will I show that I learned it?**  Be able to accurately calculate the Surface Area and Volume of pyramids and cones | Lesson 2  Surface Area and Volume of Pyramids and Cones  Assignment  p. 374 # 13-15, 17-21, 24-27, 33-36, 49, 52 (SA also for 15, 18, 19, 24-27) |
| Mon  11/12  Day 67 | MGSE9-12.G.GMD.2  MGSE9-12.G.GMD.4  Cobb Honors Standards – Unit 7, #2  **What am I learning today?**  How to find the Surface Area and Volume of certain 3-D objects.  How to apply Cavalieri’s Principle to explain the volume of oblique objects  **How will I show that I learned it?**  Be able to accurately calculate the Surface Area and Volume of spheres, and explain Cavalieri’s Principle of  3-D objects | Lesson 3  Surface Area and Volume of Spheres  Cross-Sections  Assignment  p. 383 # 13-15, 17-19, 20-21, 24-26, 34, 45, 46a-b, 51 |
| Tues  11/13  Day 68 | MGSE9-12.G.GMD.1  MGSE9-12.G.GMD.2  MGSE9-12.G.GMD.3  Cobb Honors Standards – Unit 7, #1  **What am I learning today?**  How to find the Surface Area and Volume of composite figures  **How will I show that I learned it?**  Be able to calculate the Surface Area and Volume of irregular figures made up of a combination of other figures | Lesson 4  Surface Area and Volume of Irregular Shapes  Assignment  p. 366 # 22, 23 (SA and V)  p. 374 # 22, 23 (SA and V)  p. 383 # 22, 23, 28, 39, 47, 48 (SA and V) |

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| Wed  11/14  Day 69 |  | Review  WS – Unit 7 Review |
| Thurs  11/15  Day 70 |  | Test  Unit 7: Volume and Cross-Sections |