**Honors Math 3 – Fall 2017**

**Unit 7: Trigonometry**

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| DATE | LESSON | ASSIGNMENT |
| Dec 4 | Defining Radians; Changing Degrees to Radians |  |
| Dec 5 | The Unit Circle |  |
| Dec 6 | Trig Functions of Any Angle |  |
| Dec 7 | Trig Functions of Any Angle  Solving Trig Equations |  |
| Dec 8 | Graphing Sine, Cosine, and Tangent Functions |  |
| Dec 11 | **Quiz: the Unit Circle**  Graphing sine, cosine, and tangent functions |  |
| Dec 12 | Graphing secant, cosecant and cotangent functions |  |
| Dec 13 | Graphing secant, cosecant and cotangent functions  Simplifying Trig Identities |  |
| Dec 14 | Simplifying and Verifying Trig Identities |  |
| Dec 15 | **Quiz: Graphing Trig functions**  Verifying trig identities |  |
| Dec 18 | Simplifying and Verifying Practice |  |
| Dec 19 | Trig unit review |  |
| Dec 20 | **UNIT 7 TEST** |  |

