**Accel. PreCalculus Assignments**

**Unit 2 – Graphing Trig Functions**

\* Unless otherwise noted, all assignments are due the next class period.

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| **Date** | **Topic** | **Homework Assignment** |
| 9/7 | Unit 2 PreAssessment  Desmos Activity: Trig Graphing Exploration | None |
| 9/8 | Graphing Sine: Amplitude and Vert. Shifts | WS: Amplitude Changes & Vertical Shifts |
| 9/9 | Graphing Sine: Period Change or Phase Shift | WS: Period Change or Phase Shift |
| 9/10 | Graphing Sine: Combining Period Change & Phase Shifts | WS: Period Change & Phase Shift |
| 9/13 | Give back Unit Circle Quizzes and Unit 1 Test; Go over test in class | None |
| 9/14 | Practice Day: All transformations practice | WS: Putting It All Together |
| 9/15 | Graphing Cosine | Finish cosine packet |
| 9/16 | Practice Day: Graphing Sine & Cosine | Finish practice WS from class |
| 9/17 | Average Temp. Investigation | None |
| 9/20 | Late Start (1 hr)  Graphing Tangent | WS: Graphing Tangent Functions |
| 9/21 | Desmos Polygraph  Practice Day: Sin/Cos/Tan | HW: Practice for Quiz – Choose 10 problems to complete  Study for Quiz |
| 9/22 | Unit 2 Quiz | None |
| 9/23 | Matching Activity  Writing Functions From Descriptions | WS: Writing Functions From Descriptions |
| 9/24 | Writing Functions From Graphs | WS: Writing Trig Functions |
| 9/27 | Desmos Marbleslide  Writing Functions Practice | WS: Writing Eqns From Graphs Part 2 |
| 9/28 | Graphing Cosecant | WS: Graphing Cosecant |
| 9/29 | Graphing Secant | WS: Graphing Secant |
| 9/30 | Graphing Cotangent | WS: Graphing Cotangent |
| 10/1 | PSAT Review  (Mrs. H is out today) | None |
| 10/4 | Temperature Modeling | None |
| 10/5 | Biorhythm Modeling | Finish Biorhythm WS if needed |
| 10/6 | Unit 2 Review | Study for Test |
| 10/7 | Unit 2 Test | None |