**Math Analysis Honors Unit 2 Schedule (2017-2018)**

**Trig Graphs**

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| **Day** | **Date** | **Section** | **Topic** | **CW** | **HW** |
| F | 9/8 |  | Basic Transformations  Review | Ferris Wheel Problem | Pg.114 #7-26  Review Basic Transformation Notes |
| M | 9/11 | 6.4 | Graphs of Sine and Cosine |  | **WS 1: Graphs of Sine and Cosine** |
| T | 9/12 | 6.4 | Finding all values/  Basic Transformations of Sin and Cos (Amplitude and Vertical Shift) |  | **6.4 Worksheet**  Pg.418 #3, 11-14, 33, 35, 45, 46 |
| W | 9/13 | 6.4/6.6 | Transformations of Sin and Cos  (Period and Phase Shift) |  | Pg.418 #15, 17, 19, 41, 43, 49, 51,  Pg.439 #15, 17, |
| TH | 9/14 | 6.6 | Sin and Cos Equations from Graphs | **WS 2: Equations from Graphs** | **Finish WS 2**  Pg.420 #62, 63, 68, 70  Pg 439 #15, 17 |
| F | 9/15 | 6.6 | Sin and Cos Equations from Data | Periodic Data Problems  **WS 3: Word Problems** | **Finish WS 3: Word Problems** |
| M | 9/18 | 6.5 | Graphs of Secant and Cosecant |  | Pg.429 #9-13 odd, 25-31, 39-40 |
| T | 9/19 | 6.5 | Graph of Tangent/Cotangent |  | Pg.429 #17-18, 21-22, 33, 37 |
| W | 9/20 | R | Summary of Graphs  Intervals of Increasing and Decreasing |  | **WS 4 Summary of Graphs** |
| TH | 9/21 |  | No School |  |  |
| F | 9/22 | R | Review | **WS 5: Graphing Review** | Pg.446-447 #24-25,27, 29-31, 33-40, 47, 53,54 |
| M | 9/25 |  | Review |  | Study for Test |
| T | 9/26 |  | **Unit 2 Test** |  |  |