**Teacher: Tseng, De Leon, JafferaliPrecalculus (M) Lesson Plan - Fall 2019 Cycle 1**

**This is a tentative schedule. Necessary changes will be made depending upon other activities in school and they will be announced in class**

**Unless specified, homework are due on quiz and test days. ( Note: TB = Text Book online; WB= Workbook; WS= Worksheet homework)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **August 26 (A/B)** | **August 27 (A)** | **August 28 (B)** | **August 29 (A)** | **August 30(B)** |
| ***Cycle 1 Begins***  1.1 Functions  Hwk:TB: Pg. 9 (21,24,31-45 odds,51,53,66,67 | 1.2 Graphs of Functions  Hwk:TB: Pg. 19-21  (5,12,14,17,19,22,27,29,31,37,41,55) | 1.2 Graphs of Functions  Hwk: TB: Pg. 19-21  (5,12,14,17,19,22,27,29,31,37,41,55) | ASVAB (11th Grade) | 1.4 Prop of Function  Slope Functions: Tangent Lines  Maxima, Increasing/Decreasing  Hwk:TB Pg. 40 -42  (3,11,13,31,33,35,43,45,47,53,63) |
| **Sept. 2** | **Sept. 3 (A)** | **Sept. 4 (B** | **Sept. 5 (A)** | **Sept. 6 (B)** |
| **No Classes** | 1.4 Prop of Function  Slope Functions: Tangent Lines  Maxima, Increasing/Decreasing  Hwk:TB Pg. 40 -42  (3,11,13,31,33,35,43,45,47,53,63  **Quiz 1** (1.1,1.2) | 1.5 Transformations  Hwk: TBPg. 52 (9,13,22,25,29,32,37,45)  **Quiz 1** (1.1,1.2) | 1.5 Transformations  Hwk: TB Pg. 52 (9,13,22,25,29,32,37,45)  **Quiz 2** (1.4, max/inc/dec) | 1.5 Transformations  Quadratic Functions and Models  Hwk: WS #43,51, 57,58, 79, 81, 87  **Quiz 2** (1.4, max/inc/dec) |
| **Sept. 9 (A)** | **Sept. 10 (B)** | **Sept. 11 (A)** | **Sept. 12 (B)** | **Sept. 13(A)** |
| 1.5 Transformations  Quadratic Functions and Models  Hwk: WS #43,51, 57,58, 79, 81, 87 | **Particle Motion**  WS  **Quiz 3**  (Transformation, Quadratic) | **Particle Motion**  WS  **Quiz 3**  (Transformation, Quadratic) | **Particle Motion Cont.**  **One-dimensional vectors**  WS | **Particle Motion Cont.**  **One-dimensional vectors**  **WS** |
| **Sept 16 (B)** | **Sept 17 (A)** | **Sept 18 (B)** | **Sept19 (A)** | **Sept 20 (B)** |
| 2.2 Polynomial Functions  2.3Remainder & Factor Thm  Hwk:TB:Pg. 104 (7,9,17,21,22,23,29,31,35,37,39,48,61,68,83)  Hwk:TBPg115 (3,7,14,25,44,52,55,57) | **Test 1 (up to Q3)**  2.2 Polynomial Functions  Hwk:TB:Pg. 104 (7,9,17,21,22,23,29,31,35,37,39,48,61,68,83) | **Test 1 (up to Q3)**  2.4 Zeros of Polynomial Functions  Mathematical Models  Hwk:TB:Pg.127 (2,3,9,11,15,17,19,29,33) | 2.3 The Remainder and Factor Theorem (cont)  **Quiz 4 Particle motion and vectors** | 2.4 Zeros of Polynomial Functions  Mathematical Models (cont)  **Quiz 4 Particle motion and vectors** |
| **Sept 23(A)** | **Sept 24 (B)** | **Sept25** (A) | **Sept26 (B)** | **Sept 27 (A)** |
| 2.4 Zeros of Polynomial Functions, Mathematical Models  Hwk:TB:Pg.127 (2,3,9,11,15,17,19,29,33) | 2.5 Rational Functions  TBPg. 138 (5,6,9,15,27,29,41,49)  **Quiz 5** (Topic:2.2 – 2.4) | 2.5 Rational Functions  TBPg. 138 (5,6,9,15,27,29,41,49)  **Quiz 5** (Topic:2.2 – 2.4) | Polynomial and Rational Inequalities (continued)  TB: Pg138: 5,6,9,15,27,29,41,49  Hw: WB Pg. 57-60 #1-20 (odds) | Polynomial and Rational Inequalities (continued)  TB: Pg138: 5,6,9,15,27,29,41,49  Hw: WB Pg. 57-60 #1-20 (odds) |
| **Sept 30 (B)** | **Oct1 (A)** | **Oct2(B)** | **Oct3 (A)** | **Oct4 (B) Cycle 1 ends** |
| **4.1 SOHCAHTOA**  4.2 Degree, Radians, Angles and Their Measure  TB: Pg 238( # 1,7,11,1721,25, 32,39,43.66) | Test 2 Comprehensive (up to Q5) | Test 2 Comprehensive (up to Q5) | **4.1 SOHCAHTOA**    4.2 Degree, Radians, Angles and Their Measure  TB: Pg 238( # 1,7,11,1721,25, 32,39,43.66)  **Quiz 6** (Topic:2.5 & inequalities) | 4.3 Trigonometric Functions on The Unit Circle (Part I)  p. 251 -- 253 (1-57) odds  **Quiz 6** (Topic:2.5 & inequalities) |