**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)**

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| --- | --- | --- | --- | --- |
| 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 FunctionsHwk:TB: Pg. 9 (21,24,31-45 odds,51,53,66,67 | 1.2 Graphs of FunctionsHwk:TB: Pg. 19-21(5,12,14,17,19,22,27,29,31,37,41,55)  | 1.2 Graphs of FunctionsHwk: TB: Pg. 19-21(5,12,14,17,19,22,27,29,31,37,41,55) | ASVAB (11th Grade) | 1.4 Prop of FunctionSlope Functions: Tangent LinesMaxima, Increasing/DecreasingHwk: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 FunctionSlope Functions: Tangent LinesMaxima, Increasing/DecreasingHwk:TB Pg. 40 -42(3,11,13,31,33,35,43,45,47,53,63**Quiz 1** (1.1,1.2) | 1.5 TransformationsHwk: TBPg. 52 (9,13,22,25,29,32,37,45) **Quiz 1** (1.1,1.2)  | 1.5 TransformationsHwk: TB Pg. 52 (9,13,22,25,29,32,37,45) **Quiz 2** (1.4, max/inc/dec) | 1.5 TransformationsQuadratic Functions and ModelsHwk: 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 TransformationsQuadratic Functions and ModelsHwk: 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 Functions2.3Remainder & Factor ThmHwk: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 FunctionsHwk: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 FunctionsMathematical ModelsHwk: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 FunctionsMathematical 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 ModelsHwk:TB:Pg.127 (2,3,9,11,15,17,19,29,33) | 2.5 Rational FunctionsTBPg. 138 (5,6,9,15,27,29,41,49)**Quiz 5** (Topic:2.2 – 2.4) | 2.5 Rational FunctionsTBPg. 138 (5,6,9,15,27,29,41,49)**Quiz 5** (Topic:2.2 – 2.4) | Polynomial and Rational Inequalities (continued)TB: Pg138: 5,6,9,15,27,29,41,49Hw: WB Pg. 57-60 #1-20 (odds) | Polynomial and Rational Inequalities (continued)TB: Pg138: 5,6,9,15,27,29,41,49Hw: 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 MeasureTB: 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 MeasureTB: 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) |