

Teacher Irene Madarang Subject Advance Math Dates 5/11 – 5/15/2020 7-12 Weekly
 Planner *Welcome to our Distance Learning Classroom!* Student

Time Expectation per day: **30 minutes**

Content Area & Materials	Learning Objectives	Tasks	Check-in Opportunities	Submission of Work for Grades	
		<ul style="list-style-type: none">Unplugged OptionDigital OptionBlended Combination	<ul style="list-style-type: none">Phone CallVideo CallEmailMessaging platform	<ul style="list-style-type: none">ExpectationEvidence: Log, ProductMethod: Scan, photo, upload, or deliver	
ADVANCED MATH Solving Algebraic Equations with Trigonometric Ratios	<p>Students will be able to solve algebraic equations with trig ratios by:</p> <p>a. using the properties of equality</p> <p>b. factoring</p> <p>c. taking the square roots</p> <p>Write all possible answers to the trigonometric equation in degrees $0 \leq \theta < 360^\circ$ and radians $0 \leq \theta < 2\pi$.</p>	<p>**Multiple videos on Khan Academy, HMH and you tube on trigonometric functions.</p> <p>**Students will read the online discussion and notes on HMH and Khan Academy on</p> <p>1. Trigonometric identities sine, cosine and tangent.</p> <p>2. finding reference angles when given angles that are less than zero and greater than 360° (2π).</p> <p>3. use the reference angles to find the indicated trigonometric function.</p>	<p>Mrs Madarang will email all students copies of the packet and links to the videos on the Larson PreCal website and Khan Academy.</p> <p>Students will also be able to view their assignments and resources online on the Advanced Math calendar.</p> <p>Students can email Mrs Madarang for questions at imadarang@tusd.net</p> <p>Students may request to schedule a TEAMS session during office hours.</p>	<p>Students may print out their own copies, write the work down on binder/graph paper, and submit work by scanning and emailing their work.</p> <p>All work for week 4 is due on May 15, 2020.</p> <p>They have the option to email their work midweek for feedback and corrections.</p> <p>They also have the option to submit hard copies of their work to school after 1 week of receipt of their packet.</p>	
Scheduled, if possible, Shared Experience <ul style="list-style-type: none">Discussion	<p>Mrs Madarang will post videos and e-copies of the notes and assignments on the Advanced Math Calendar: https://tracyusd.sharepoint.com/sites/imadarang/Lists/Algebra%20%20PREAP/calendar.aspx</p> <p>When needed. Mrs. Madarang will also conduct zoom or TEAMS sessions upon request during office hours.</p>				
Scaffolds & Supports	<p>Mrs Madarang draws resources from Khan Academy and the Larson Precalculus digital textbook and help site.</p>				
Teacher Office Hours <i>2 hours daily (all classes):</i> <ul style="list-style-type: none">Contact	Monday 10-12 all students 1-2 Adv Math only	Tuesday 10-12 all students 1-2 Alg 2 only	Wednesday 10-12 all students 1-2 Alg 1 only	Thursday 10-12 all students 1-2 Alg 2 only	Friday 10-12 all students 1-2 Alg 1 only