

Teacher Irene Madarang Subject Advanced Math

Dates 4/27 – 5/1/2020

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"><li>Unplugged Option</li><li>Digital Option</li><li>Blended Combination</li></ul>	<ul style="list-style-type: none"><li>Phone Call</li><li>Video Call</li><li>Email</li><li>Messaging platform</li></ul>	<ul style="list-style-type: none"><li>Expectation</li><li>Evidence: Log, Product</li><li>Method: Scan, photo, upload, or deliver</li></ul>	
<b>Trigonometric Identities</b> <b>1. Reciprocal Identities</b> <b>2. Quotient Identities</b> <b>3. Pythagorean Identities</b> <b>4. Cofunction Identities</b> <b>5. Odd/Even Identities</b>	Students will be able to use trigonometric identities to  a. evaluate trigonometric functions  b. simplify trigonometric equations  c. verify trigonometric identities	Watch videos and power point presentation on finding inverse trig functions  Notes and sample problems are provided in each packet.  More examples and discussion can be found in their textbook.  Students will complete the packet after watching the videos and viewing the power point presentation.	Mrs Madarang will email all students copies of the packet and links to the videos on the PreCalculus Larson as well as links to related lessons on Khan Academy  These e-copies, videos and power point will also be available on the Advanced Math calendar	Students may print out their own copies, write the work down on binder/graph paper, and submit work by scanning and emailing their work.  <b>All work for week 2 is due on May 8, 2020.</b>  They also have the option to submit hard copies of their work to school after 1 week of receipt of their packet.	
<b>Scheduled, if possible, Shared Experience</b> <ul style="list-style-type: none"><li>Virtual Fieldtrip</li><li>Discussion</li></ul>	Mrs Madarang will post videos and e-copies of the notes and assignments on the Advanced Math Calendar located at: <a href="https://tracyusd.sharepoint.com/sites/imadarang/Lists/Algebra%20%20PREAP/calendar.aspx">https://tracyusd.sharepoint.com/sites/imadarang/Lists/Algebra%20%20PREAP/calendar.aspx</a>  When needed. Mrs Madarang will also conduct zoom or TEAMS sessions upon request during office hours shown below.				
<b>Scaffolds &amp; Supports</b>	Mrs Madarang draws resources from Khan Academy the PreCalculus Larson textbook site. Students are also encouraged to use their textbook for reference.				
<b>Teacher Office Hours</b> <i>2 hours daily (all classes):</i> <ul style="list-style-type: none"><li>Contact</li><li>Platform</li></ul>	<b>Monday</b> <b>10-12 all students</b> <b>1-2 Adv Math only</b>	<b>Tuesday</b> <b>10-12 all students</b> <b>1-2 Alg 2 only</b>	<b>Wednesday</b> <b>10-12 all students</b> <b>1-2 Alg 1 only</b>	<b>Thursday</b> <b>10-12 all students</b> <b>1-2 Alg 2 only</b>	<b>Friday</b> <b>10-12 all students</b> <b>1-2 Alg 2 only)</b>