Teacher _____Irene Madarang_____ **Subject** _____Algebra 2_____ **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 • Unplugged Option • Digital Option • Blended Combination	Check-in Opportunities • Phone Call • Video Call • Email • Messaging platform	Submission of Work for Grades • Expectation • Evidence: Log, Product • Method: Scan, photo, upload, or deliver
ALGEBRA 2 **Trigonometric Identities** **A. The Trigonometric Table** **B. Evaluating Trig Functions Based on Degree Measures** **C. Evaluating Trig Functions Based on Radian Measures**	Students will be able to: a. find the values of sine, cosine and tangent in all the special angles in the unit circle and write them down in the trig table b. find reference angles $0 \leq \theta < 360°$ and $0 \leq \theta < 2\pi$ when the angles given are less than 0 and greater than $360°$ or 2π. b. evaluate trigonometric functions based on <u>degree</u> and <u>radian</u> measures of coterminal angles	**Multiple videos on Khan Academy, HMH and you tube on trigonometric functions. **Students will read the online discussion and notes on HMH and Khan Academy on 1. Trigonometric identities sine, cosine and tangent. 2. finding coterminal angles when given angles that are less than zero and greater than $360°$ (2π). 3. use the coterminal angles to find the indicated trigonometric function.	Mrs Madarang will email all students copies of the packet and links to the videos on HMH and Khan Academy. Students will also be able to view their assignments and resources online on the Algebra 2 calendar. Students can email Mrs Madarang for questions at imadarang@tusd.net Students may request to schedule a TEAMS session during office hours.	Students may print out their own copies, write the work down on binder/graph paper, and submit work by scanning and emailing their work. **All work for week 4 is due on May 15, 2020.** They have the option to email their work midweek for feedback and corrections. They also have the option to submit hard copies of their work to school after 1 week of receipt of their packet.
<u>Scheduled</u>, *if possible,* **Shared Experience** • Discussion	Mrs Madarang will post videos and e-copies of the notes and assignments on the Algebra 2 Calendar located at: https://tracyusd.sharepoint.com/sites/imadarang/Lists/Algebra%202%20CP/calendar.aspx When needed. Mrs. Madarang will also conduct zoom or TEAMS sessions upon request during office hours.			
Scaffolds & Supports	Mrs Madarang draws resources from Khan Academy and HMH. HMH also provides opportunities for students to hold interactive sessions/tutorials on their website https://my.hrw.com			
Teacher Office Hours *2 hours daily (all classes):* • 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**