

	MONDAY (A) NO SCHOOL NOT TEACHING	TUESDAY (B) NOT TEACHING	WEDNESDAY (A) EARLY RELEASE IN PERSON 9:30-10:40 IN PERSON 12:30-1:30	THURSDAY (B) NOT TEACHING	FRIDAY (A) IN PERSON 10:00-11:35 IN PERSON 2:35-4:05
	Objective(s): SWBAT	Objective(s): SWBAT	Objective(s): SWBAT * Derive sine and cosine of angles using special right triangles and the unit circle *Solve for variables within trig equations	Objective(s): SWBAT	Objective(s): SWBAT *Take derivatives of circular functions
P	Engage	Engage	Engage How do we measure time? Why are cycles useful?	Engage	Engage Students will define units of time using a simple pendulum
L A	Explain Explore Elaborate	Explore Explain Elaborate	Explore Students will use the Pythagorean Theorem and properties of special right triangles to calculate sine and cosine for common angles Elaborate Students will use symmetries of the unit circle to quickly calculate sine and cosine Students will algebraically solve for variables within equations containing trig functions	Explore Explain Elaborate	Explore Students will analyze the slope behavior of sine and cosine functions to graph their derivatives. Students will determine regions where the derivative must be zero, positive/negative, and increasing/decreasing Elaborate Students will take higher order derivatives of circular functions and analyze their cyclic nature
N	Evaluate and Summary	Evaluate and Summary	Evaluate and Summary Summary notes	Evaluate and Summary	Evaluate and Summary Summary notes
Resources:					