PreCalculus - Unit 8 – Any Calculator
Double & Half-Angle Identities

The learner will be able to simplify trigonometric expressions and solve trigonometric equations using trigonometric identities and inverse functions including Pythagorean, double angles, sum and difference and half angle identities for sine and cosine.

Monday April 10	**Getting Ready for Messy Half-Angle Identities & Double Angle Identities** Warmup 1 Fractions & Square Roots WS Discovery Lesson
Tuesday April 11	**Double Angle Identities** Notes & Examples Double Angle Trig Identities WS
Wednesday April 12	**Half-Angle Identities** Warmup 2 Notes & Examples Half-Angle Trig Identities WS
Thursday April 13	**Double and Half-Angle Identities** Warmup 3 More Double and Half Angle Trig Identities WS Single Trig Functions WS – Double & Half Angle
Friday April 14	**QUIZ** – Double & Half-Angle Identities
Monday April 17	**Verifying Trig Identities** Warmup 4 Verifying Trig Identities with Double & Half Angles WS
Tuesday April 18	**Solving Trig Equations with Double and Half-Angle Identities** Warmup 5 Notes & Examples Solving Equations with Double and Half-Angle Identities WS
Wednesday April 19	**Review** Warmup 6 Double & Half Angle Identities Review WS
Thursday April 20	**Review** Trigonometric Equations Maze! WS
Friday April 21	**TEST** – Double & Half-Angle Identities