| | | Name:<br>Mrs. Woods | Grading Quarter:<br>2 | Week Beginning:<br>11/06/23 |
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| | | School Year: 23-24 | Subject: Precalculus | |

| | Notes: | Objective: Students will be able to use trig identities to rewrite trig expressions.<br><br>Lesson Overview:<br>Notes – trig identities for reciprocal, quotient, Pythagorean, and negative angle expressions<br>Practice as a class first, then with partners second | Academic Standards:<br>P.F-TF.A.3 Use special triangles to determine geometrically the values of sine, cosine, tangent for $\pi/3$, $\pi/4$ and $\pi/6$, and use the unit circle to express the values of sine, cosine, and tangent for $\pi$-x, $\pi$+x, and $2\pi$-x in terms of their values for x, where x is any real number. |
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| **Monday** | | | |
| **Tuesday** | Notes: | Objective: Students will be able to use trig identities to rewrite trig expressions.<br><br>Lesson Overview:<br>*This is a continuation of the previous day's lesson.*<br>Matching activity in groups of 2 or 3<br>Use Quizizz to practice independently | Academic Standards:<br>P.F-TF.A.3 Use special triangles to determine geometrically the values of sine, cosine, tangent for $\pi/3$, $\pi/4$ and $\pi/6$, and use the unit circle to express the values of sine, cosine, and tangent for $\pi$-x, $\pi$+x, and $2\pi$-x in terms of their values for x, where x is any real number. |
| **Wednesday** | Notes: | Objective: Students will be able to use trig identities to rewrite trig expressions.<br><br>Lesson Overview:<br>Notes – sum, difference, and double angle identities<br>Practice as a class first, then with partners second | Academic Standards:<br>P.F-TF.A.3 Use special triangles to determine geometrically the values of sine, cosine, tangent for $\pi/3$, $\pi/4$ and $\pi/6$, and use the unit circle to express the values of sine, cosine, and tangent for $\pi$-x, $\pi$+x, and $2\pi$-x in terms of their values for x, where x is any real number. |
| **Thursday** | Notes: | Objective: Students will be able to use trig identities to rewrite trig expressions.<br><br>Lesson Overview:<br>Khan Academy work day | Academic Standards:<br>P.F-TF.A.3 Use special triangles to determine geometrically the values of sine, cosine, tangent for $\pi/3$, $\pi/4$ and $\pi/6$, and use the unit circle to express the values of sine, cosine, and tangent for $\pi$-x, $\pi$+x, and $2\pi$-x in terms of their values for x, where x is any real number. |
| **Friday** | Notes: | No school | Academic Standards: |