AGENDA

# Block 4 Precalculus

# Wednesday, August 22

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| Opening | * Complete all angle measures in degrees and radians given a blank unit circle |  |
| Work Session | * Finish construction of the unit circle. Walk back through systematically adding multiples of 45 degrees, then multiples of 30 degrees. Again, practice “skip-counting” by pi/4 and pi/6 in order to label angle measures with radians measures. Emphasize the need to simplify these values, if possible. * Demonstrate reflections into quadrants 2, 3 and 4 as a method for transferring the coordinate pairs. Remind students that the ordered pairs will require sign adjustments based on the quadrants. * Teacher will model evaluating trig functions (sin, cos and tan) using the unit circle. * Students will complete table and additional practice worksheet evaluating trig functions. |  |
| Learning Target | Students will analyze trig functions |  |
| Closing | Homework: Practice is imperative. Spend at least 1 hour in order to help memorize and pick up special patterns. Memory quiz on Friday. |  |

#### Additional information: Left Hand trick can be used to help students name the cosine and sine values for quadrant 1.