

Mrs Coursey's Precalculus Class Oct. 31, 2011

What is my child supposed to learn in Precalculus?

The standards of success should be clear to every student, parent, and teacher. Many teachers, parents, and community leaders have contributed to the creation of standards for mathematics and language arts to be used across the United States beginning in 2009. These standards raise and clarify expectations for each grade level.

Look at the standards online for any grade at:

WWW.CORESTANDARDS.ORG/THE-STANDARDS/MATHEMATICS

CLASS NOTES

Last week students learned to graph the inverse trigonometric functions and tangent function. This week we are using knowledge of trigonometry to examine relationships such as the Pythagorean theorem closer. Students are learning to justify conclusions by creating equivalent expressions and equations.

There is no school Monday, Nov. 7 or Tuesday Nov. 8 for students.

Students will not attend Nov. 23, 24, or 25 for Thanksgiving.

Learning Targets for the Week

- I can construct a viable argument and critique the reasoning of others.
- I can recognize and create equivalent expressions and equations.
- I can graph the tangent, cotangent, cosecant, and secant functions.
- I can describe characteristics of the trigonometric function's graphs using appropriate vocabulary.
- I can find the period and amplitude of sine and cosine functions.
- I can graph sine and cosine functions.

Learning Check This Friday!

Quiz topics this week include the following textbook lessons:

- 5.7 *Trigonometric Identities*
- 4.5 *Tangent, Cotangent, Cosecant, & Secant Functions*
- 4.4 *Sine & Cosine Functions*

ACT Test Info

Students can register to take the ACT test on Saturdays at many testing sites in the region. Go online to www.actstudent.org to register. Upcoming test dates include:

December 10, 2011

February 11, 2012

April 14, 2012

June 9, 2012