

Mrs Coursey's Algebra 2 Class Oct. 31, 2011

What is my child supposed to learn in Algebra 2?

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 about different function families. This week students will be learning about other shapes that can be graphed such as circles, ellipses or ovals, parabolas, and hyperbolas.

Students will have **No School** on Monday Nov. 7 and Tuesday, Nov. 8.

Students will also be out of school November 23, 24, and 25 for Thanksgiving.

Learning Targets for the Week

- I can identify conic sections (e.g. parabola, circle, ellipse, hyperbola) from their equation in standard form.
- I can use transformations to draw the graph of a relation and determine a relation that fits a graph.
- I can use matrices to organize pre-image and image coordinates of a geometric figure after a transformation in the coordinate plane.

Learning Check This Friday!

Quiz topics this week include the following textbook lessons:

- 10-3 Circles*
- 10-2 Parabolas*
- 10-7 Conic Sections*
- 2-6 Function Families & Transformations*
- 2-7 Absolute Value Functions & Transformations*
- 12-5 Geometric Transformations & Matrices*

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