

Algebra 2 Honors Project

Conic Characters

Directions: You will research a myth or story from your region of the world. You will create a picture of one of the characters from the story using **at least 5 different conic sections**. **Be sure to read the rubric carefully so that you know how your work will be scored!**

Important dates: May 15: We will research stories from your continent. The completed “Student Research Handout” is due the following day (for a classwork grade).

May 19: Rough draft sketch of your Conic Character is due (classwork grade).

May 26: Project due. You will turn in your Student Research Handout, Rubric/Self evaluation, and the final (decorated) version of your Conic Character.

Rough Draft: Sketch of your character with **NO DECORATION**. Each conic should be sketched in a different color. Include the equation (in graphing form) of that conic in the same color. **Equations should be written on a separate sheet of paper.**

Rubric for final copy:

Student Name: _____

Research (20 points)

Criteria (with possible points earned)	Self Evaluation	Teacher Evaluation
Select an appropriate story from your region of the world (2.5 points)		
Correctly identify the area of the culture of the people who wrote the story and the area of the world in which these people lived (2.5 points)		
Identify the main character(s) in the story (5 points)		
Summarize the plot of your story (10 points)		

Math Work (60 points)

Criteria (with possible points earned)	Self Evaluation	Teacher Evaluation
Used at least 5 conic sections to create sketch (5 points)		
All conic are sketch clearly and correctly (25 points)		
All equations are written correctly (25 points)		

Organization and Creativity (20 points)

Criteria (with possible points earned)	Self Evaluation	Teacher Evaluation
Each conic is drawn in a different color and the same color is used to write the corresponding equation; equations are written clearly on a separate sheet of paper. (10 points)		
Drawing looks like the character from the story (10 points)		
Bonus Points: Used creativity and artistic ability to decorate the drawing (up to 15 points will be awarded)		

Student Score: _____

Name: _____

Student Research Handout

Directions: Visit http://www.wfu.edu/~trouj5/glptwo/story_glp_home.html and follow the links to some stories that come from your grade's region of the world. Pick a story and provide the following information about the story you have chosen.

Name of the story: _____

Web address where you found the story: _____

Where does the story come from?

Was the story written by a single author? _____

If so, what was her/his name? _____ Where did she/he live? _____

If not, what culture does the story come from? _____

Where did these people live when they wrote the story?

Plot. On the lines below, summarize what happens in the story.

Main Character. Describe the main character (the one who you will draw).

Name of character: _____

What does she/he look like?: _____

Include any other important characteristics of the character on the lines below:
