Linear Systems and Statistics Transformation Project

Requirements for project:

1) Construct a shape that has at least five defining points. Your shape should be related to you SLC in some way, which you will document.

2) Digitize the shape.

3) Place these coordinates in a matrix.

4) Perform and Document at least two types of transformations (rotation, reflection, translation, dilation, etc.)

5) At least two new matrices must be generated for you project.

6) Complete a written description of the changes in your shape.

7) Present your product to the class.

Rubric

Team: _____ _____ _____

Period: __1___2____3___

Matrices accurate (20) = _____

2 or more Transformations (20) = _____

Shapes are accurate to given matrices (10) = _____

Following Directions (20) = _____

Creativity/SLC (10) = _____

Written description of project (10) = _____

Presentation to class (10) = _____

Score = _____