Geometric Transformations "Research Teaching Project"

By the end of the day today, I would like you to know:

-The definition of your type of transformation

-Different ways you can represent your transformation (equations, graphs, words, etc.)

-Multiple constructed examples (on graph paper)

Develop a method to teach this idea to your fellow classmates:

I would like to see a "plan of attack"

   - How will you start teaching this idea? With an intro activity, definition, so other starting point?

   - What is the most important idea you think your peers need to master in order to understand this idea?

   - Will you create notes for this topic? Hands on activity? What should the students you are teaching write down or take notes on?

   - What practice will you give "your students"?

   - How will you check that your peers understood what you taught them?

On a blank sheet of paper, sketch out what an informational poster board would look like for this topic. What key information should be on the poster? What examples are most important? How would the poster board flow? Would someone be able to look at your poster and walk away with an understanding of your type of transformation?

My groups type of Geometric Transformation is: _____