Topic Idea: Transformations

Name

Experience with Transformations:

- In MAT 2240: *Introduction to Linear Algebra* we explored matrix transformations in 2-D and 3-D.

- In MAT 3110: *Modern Algebra* we explored symmetry groups, like the dihedral group, the group S_4 and the symmetries of a cube and tetrahedron.

- In MAT 3610: *Introduction to Geometry* we explored symmetries of the five regular polyhedra.

Prior Progress:
Search and report back on one interesting item related to prior progress in the area of your course project (it could be someone who laid groundwork on the topic, or peripheral but connected research or history). Include the date and the name of the person and their contribution, and remove these instructions.

Recent Scholarly Journal Article:
Search MathSciNet or other Library Databases for recent scholarly journal articles related to your course project topic and write down one item that you find, including the date and the journal, as well as the title, and remove these instructions.

Author's e-mail address: replace_emailaddress@appstate.edu