Grade Level: 5th grade

Learning objectives: the students will understand symmetry and will be able to recognize the basic functions of symmetry.

Lesson overview: the children will watch a video online of symmetry and then explore it using apps on the iPad.

Teacher Resources: Computer, projector

Student Resources: iPads with internet connection

Teacher Preparation: Will need to have a video picked for the students to watch on symmetry and a googledoc made for the students to post their findings in

Instrucitons

Students will watch the video as a class on the overhead projector to get the idea of what symmetry is

After the video each the children will work on their own creating symmetrical patterns on an iPad app playing around with it for 15 minutes

When the children are done exploring on their own they will use the iPads to post their findings onto a googledoc and then submit to be graded and for resposes. They will also be required to take a screen shot of what they created in the app and post it in the document.