

In this exploration project you will create a piece of artwork in Geogebra.

Create some form of rotating art in Geogebra. I created a model of a planet and its moon orbiting a star. You must create something cooler than mine! you may use circles and rotations and angles and sliders. Anything you can think of.

Often times with cyclic (circular) operations, a pattern will emerge that is super-cool. I encourage you to try different speeds, traces, shapes radii etc. see if you can find a cool pattern.

Here's my examples:

How I made them (using buttons and animation)

<https://drive.google.com/a/ga.ozark.k12.mo.us/file/d/0B-px-8lQi5d-MDEwVUM4WGhWQnc/view?usp=sharing>

Other cool ideas:

<https://drive.google.com/a/ga.ozark.k12.mo.us/file/d/0B-px-8lQi5d-WIVNTlgzaEwyRVk/view?usp=sharing>

The code for the buttons: StartAnimation[Point, Point, Point] StartAnimation[False]