

NetLogo for 2d geometry and geography tool

1. NetLogo could be used with simple 2d geometry to discover properties of figures. The triangle inequality, angles in regular and irregular figures, even evidence of requirements for right triangles. Creating 3d figures is much harder but if the students accept the challenge it would be a fun way to learn. NetLogo is also a great way to teach step by step analytical thinking. The more I can do in math class the easier it will be for students to understand models in NetLogo in science units.
2. I also plan to use the laptop wall as a geography tool with Google Earth to help students learn about the United States and the world. Some sort of a game format where students work in small teams with an atlas and then manipulate the wall to identify a landmark.

I attached a couple of attempts at 3d objects in NetLogo.

Brian