

Georgia Brewer

## Mini Lessons #2 : Geometry Nets

Grade: 7th

Curriculum Topic : Geometry Nets of Solids

Tools: Osmo Tangram game, iPad , Shape 3D drawing application

Lesson Summary: Using the Osmo tech. I will have students get into pairs and play the tangram game. The tangram game involves arranging a variety of shapes to mirror the image on the iPad but is not as easy as it sounds. It only shows you the outline of the desired figure , and it determines when you've succeeded. This lesson can serve as an informal assessment of my classes spatial awareness, and visual problem solving. But it's main purpose will be as an introductory lesson to Geometric solids and there Nets. After completing the assigned levels on the Tangram game the students will use the 3D Geometry shapes drawing app to create a 3D solid of their own. We will display their solids and introduce the solids by name and look at what a net of those solids would like. A Net of cube is was the cube would look like if you unfolded it in layman's terms.