

Origami Dodecahedron

Billy Miller

It took many steps to make this origami structure of a dodecahedron. First I had to make 30 individual pieces that each took 30 steps per piece. Then I had to connect them all to form a shape called a dodecahedron. This sounds much easier than it really was. I got the directions to make this out of book I borrowed from my professor, Carl Lee. The book was called "Unit Origami" and was written by Tomoko Fuse. The project took me about eight days total. Instead of using regular origami paper I used colored construction paper cut into squares. I did this to make the structure a little larger. The dodecahedron is a regular 12-faced polyhedron. The dodecahedron has 20 vertices, corresponding to the 20 faces of the icosahedron. The icosahedron has 12 vertices, corresponding to the 12 faces of the dodecahedron.