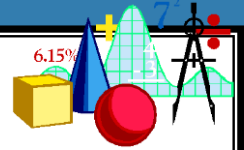Mathematics, Geometry
Unit X: Lesson 1   Investigation: **Dice of the Gods**

Find pictures and/or patterns of the five Platonic solids.

Make a model of each using cardboard or straws. Record the name of each solid, the number of faces, the number of edges, and the number of vertices. Derive a formula for the number of edges in terms of the number of faces and vertices.

Display your models in the classroom along with an explanation of your formula.