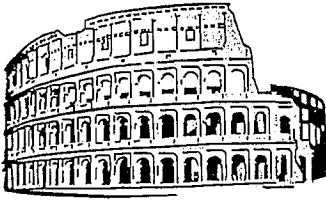
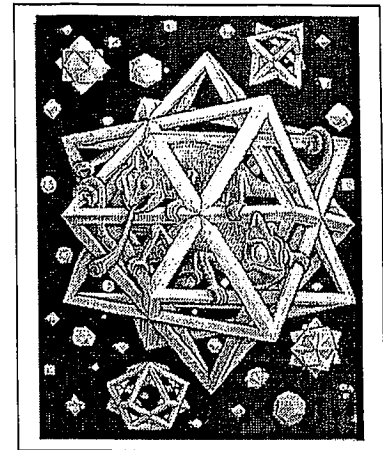


THE PLATONIC SOLIDS



In this activity students will investigate geometry in the natural world.



Requirements:

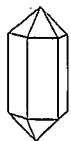
1. Research.
Identify the Platonic solids- what are they?

Who first identified them? When? History? What are they associated with?

Give specific evidence of where the platonic solids can be found in nature. (Minerals, viruses, cells, etc.) Include sketches or pictures.

Resources:

<http://www.dartmouth.edu/~matc/math5.geometry/unit6/unit6.html>
great starting point!



<http://www.math.utah.edu/~alfeld/math/polyhedra/polyhedra.html> info

<http://www.enchantedlearning.com/math/geometry/solids/> model suggestion

2. Visual.

Make a model of each of the solids (5) and organize them to be informative and with visual appeal. (mobile, poster, Power Point, etc.)