A. Objective
Students will create a geometric egg that must stand alone. (PASS Process Standards 1.1, 2.1, 2.2, 4)

B. Materials
a. Paper Mache eggs – provided by the teacher
b. Materials to create with – provided by the students

C. Resources

D. Introduction
Students have been working in geometry for almost a semester and have a background in several geometric areas. We discuss the section on “Egg Over Alberta” by Paul Hoffman on page 168 – 169 of the textbook.
The students are then given a paper Mache egg. They are to create something with their egg. The only rules are

1. it must be geometric
2. it must stand

The students are given about 3 to 4 weeks to complete the project out of class. On the day the eggs are due, the students present their eggs to the class and then write a brief paper about the egg. They must describe the creation of the egg (why and how) and also describe the egg geometrically.

E. Assessment
   a. Was the project complete?
   b. Does the egg stand?
   c. Is the paper complete?

F. Modifications
   Allowances are made for creativity and uniqueness (at this point I know my students fairly well and know what they are capable of)

G. Reflection
   This a fun project for the students which allows them to make connections and be creative. It takes very little class time and they really enjoy the project.
Student Work Examples