The Four Color Map Problem

Research the Four Color Map Problem using the internet.

1. *State the problem*

2. *Who is credited with solving the problem?*

The Activity

Begin with 12 isosceles trapezoids (3 each of 4 colors). Construct a regular tetrahedron (four faces) such that nowhere on the tetrahedron will there be two trapezoids of the same color with a common edge. This requires that each face consist of three different colors!

There are multiple solutions to this problem. Each solution is a three-dimensional representation of The Four Color Map Problem.