Problem of the Month  
April, 2010

*Please turn all solutions into Dr. Dunn’s office, JB 322. You may slide your solutions under his door as well. Most elegant solution wins a $10 gift certificate to the bookstore!* 
*Solutions will be accepted anytime during the month of April, 2010! Good luck!*

How many colors are needed to color the vertices of a polygon so that no two adjacent vertices (ie. vertices connected by a side) are the same color?