

Name: _____
Date: _____ Period: _____

Hexagonal Geometric Design Assignment

1. Create a geometric design inside the hexagon, using **BOTH a straight-edge and a compass**. Your project must be a design, not a picture or word(s). The design must fit inside the hexagon, and it must fill the hexagon completely, not going outside the lines. The design cannot just be straight lines or just circles, must have BOTH. You cannot free-hand any part of the design.
3. It must be neatly **colored** (NOT with regular pencil or pen.)
4. After you have completely colored your design, cut out the hexagon and write your name, teacher's name, and period number on the back.
5. Turn in this page with your design.

This project is worth 20 points. You will lose 4 points a day for each late.

The design is due Tues, 1/28/20. After the designs are turned in, my other classes will vote on the 5 best designs in each class. If yours is among the top five in your class, you will receive 5 extra credit points. The 5 winners from each of the 12 Geometry classes (totaling 60 designs) will then be displayed in one math classroom for Open House on Tues, Feb. 4th. Parents who come to Open House will be asked to vote on the best designs, and the 5 overall best designs will be picked based on parents' votes. If your design is among the top 5 of all the Geometry classes, you will receive another 5 extra credit points.

	Points Possible	Points Earned
Information on Back (name, teacher name, period)	3	
Evidence that used both straight-edge and compass in design (not picture or words)	10 (all or nothing)	
Difficulty	3	
Neatness	4	
Total	20	