

Tessellations Project

Directions:

Create a “logo” on the rectangular dot paper or the isometric dot paper and then create a tessellation as the background that is made up of at least 5 unique geometric shapes. The background must be a pattern that continues for at least 3 times. Color pencils will be provided and you must be creative when coloring in your design.

You will be given 2 ½ blocks of class time to work on this project and it must be handed in by Friday, October 24th at the end of our class. If you are absent for any portion of this project, you will be expected to complete this project at home. If you are absent the day that the project is due, you must scan a copy and sent it to me electronically by 9:26am.

Make sure to hand your project AND your rubric with your name clearly written on both.

Grading:

You will be graded on the following criteria (please see the attached rubric for details):

- Number of shapes used
- Amount of unique colors used
- Your pattern
- The consistency of your design
- The creativity of your design
- The complexity of your design

You can earn a maximum of 24 points on this project. All grades will be converted into a percent and entered out of 100%.

Projects may be handed in late. Each day the project is late will be deducted 10 points (out of 100%). If the project is handed in late on the day that it is due, it will be deducted 5 points (out of 100%).

Tessellations Project

Student Name: _____

Grade: _____ out of 24

Date: _____

Grade: _____ %

	1	2	3	4
Number of Shapes	Student uses 2 or less shapes that can be distinguished.	Student uses 3 shapes that can be easily distinguished.	Student uses 4 shapes that can be easily distinguished.	Student uses more than 5 different shapes that can be easily distinguished.
Color	Student used 2 or less different colors.	Student used 3 different colors.	Student used 4 different colors.	Students used 5 or more different colors.
Pattern	There is no clear pattern.	There is a pattern with 3 or more errors.	There is a pattern with 1-2 errors.	There is a clear and distinct pattern with no errors.
Consistency	The tiles vaguely resemble one another.	The tiles resemble one another, but clearly more of an effort could have been made to reduce the number of inconsistencies.	Although minor inconsistencies can be seen, clearly solid attempt was made to minimize inconsistencies.	Very difficult to see any inconsistencies among the tiles.
Creativity	Small attempt was made to increase the artistic appeal of the tessellation.	A fair attempt was made to increase the artistic appeal of the tessellation.	A great attempt was made to increase the artistic appeal of the tessellation. Also there are 1-2 minor inconsistencies that can be observed.	An excellent attempt was made to create an appealing piece of art.
Complexity	Very simple geometric shapes were used to create the tessellation. Also minor inconsistencies can be observed.	Basic geometry shapes were used to create the tessellation.	Basic geometry shapes were used to create the tessellation, however, minor modifications were made in attempts to increase the complexity of the tessellation (has 3-4 sides)	Basic geometry shapes were used to create the tessellation, however, minor modifications were made in attempts to increase the complexity of the tessellation (has 5 or more sides).

Grade: _____ out of 24 = _____ %