Name _____

Geometry

Read a book about geometry, read the "Geometry" article in an encyclopedia, and find articles or sites about geometry on the Internet to complete these activities.

Student Points	
Teacher Points	

APPLICATION LEVEL Choose one of the following:

- Build a model of your dream GeoPlayGround for all children! Include different geometric shapes in your design. Label each shape.
- Use transformational symmetry (rotational, reflection, and slide) to create a gallery of geometric art designs. Name the pieces to reflect what kind of symmetry was used to create them.

	Too plain	More solid	Wright on!	
	1	2	3	4
Application				
GeoPlayGround model OR	1 shape used; OR no labels	2-3 different shapes used; labeled	3-4 different shapes used; labeled	More than 4 shapes used; labeled; playground clearly serves all children
Geometric Art Gallery	Designs do not use transformational symmetry	Designs use 1-2 types of transformational symmetry	All 3 types of transformational symmetry evident; titled designs	Visually exciting; smartly titled designs; showcases 3 types of transformational symmetry

Rough design of GeoPlayGround