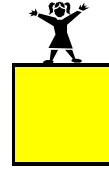




## Geometry Project – 2nd



Each group will be assigned a geometry topic to research, teach and assess.

Triangles  
Quadrilaterals  
Circles  
Polygons  
Prisms and Cylinders  
Pyramids, Cones and Spheres  
Symmetry, Translations and Rotation  
Fractals and Tessellations

Each group of 3 or 4 will research your topic using your textbook, internet sources, Geometer Sketchpad and other books. You will make a presentation which will include **at least 3** of the following:

<b>Vocabulary</b>	<b>PowerPoint Presentation</b>	<b>Virtual manipulative</b>
<b>Game</b>	<b>Video</b>	<b>Podcast</b>
<b>Rap, poem or song</b>	<b>Geometer Sketchpad activity</b>	<b>Puzzle</b>

### Internet Resources:

[King's list of math activities](#)

[Quizlet vocabulary games](#)

[BrainPop](#)

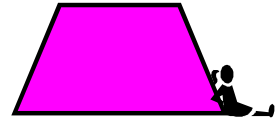
[Google Search](#)

[Illuminations – math lessons](#)

[Mrs. Baggett's math resources](#)

[Geometry with Cabri Jr. and the TI-84 Plus](#)

[PH Resources](#)



Schedule of Due Dates:

Activity	Date due	Date turned in	Grade
Lesson Plan	Friday, Feb. 8		
Rough draft	Tuesday, Feb. 26		
Lesson complete	Tuesday, March 17		
Presentation	TBS:		

Your Team: \_\_\_\_\_

\_\_\_\_\_

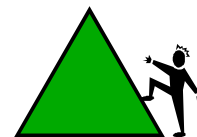
\_\_\_\_\_

\_\_\_\_\_

Your Topic: \_\_\_\_\_

**Notes:**

## Geometry Project Rubric



	10	8-9	6-7	5 or below
Lesson plan	Complete outline; 3 or more activities; covering basic material for the topic; on time; well-organized	Complete outline; 3 activities; covering most basic material for the topic; on time; organized	Incomplete outline; 3 activities; covering some basic material for the topic; on time; organized	Incomplete outline; 3 or less activities; covering some basic material for the topic; not on time
Rough draft	On time; thorough covering of topic; well-organized; details on 3 or more activities	On time; thorough covering of topic; well-organized; details on 3 activities	On time; covering of topic; organized; details on 3 activities	Not on time; covering of topic incomplete; details on less than 3 activities
Lesson complete	On time; thorough covering of topic; well-organized; 3 or more activities; excellent use of technology	On time; thorough covering of topic; well-organized; 3 activities; good use of technology	On time; covering of topic; organized; 3 activities; some use of technology	Not on time; covering of topic incomplete; less than 3 activities; no use of technology
Presentation	Creative; 3 or more activities, interesting, well-prepared, shows good understanding of topic	Creative; 3 activities, interesting, prepared, shows understanding of topic	3 activities, interesting, prepared, shows some misunderstanding of topic	3 activities or less, not prepared, shows poor understanding of topic
Assessment	Assessment tool that allowed others to determine their understanding. Easily graded.	Assessment tool that allowed others to somewhat determine their understanding. Easily graded.	Assessment tool that didn't allowed others to determine their understanding. Easily graded.	Assessment tool that didn't allowed others to determine their understanding. No easily graded.
Team Evaluation	Team collaborated well. All team members shared in responsibilities equally. Team cooperated without conflict.	Team collaborated well. All team members shared in responsibilities almost equally. Team cooperated without conflict.	Team collaborated. Most team members shared in responsibilities, but not equally. Team cooperated without conflict.	Team collaborated. Most team members shared in responsibilities, but not equally. Team had conflict.

	10	8-9	6-7	5 or below
Resources	At least 3 reliable resources with complete titles, authors and websites	At least 2 reliable resources with complete titles, authors and websites	At least 2 different resources without complete titles, authors and websites	Only 1 resource with title, author and website
Vocabulary	All important vocabulary included. Showed good understanding of words.	Most important vocabulary included. Showed good understanding of words.	Most important vocabulary included. Showed little understanding of words.	Some important vocabulary included. Showed little understanding of words.
PowerPoint Presentation	Well-organized, interesting with important information included. Used links to other activities.	Well-organized, interesting with important information included.	Organized, interesting with some important information included.	Organized, interesting with some important information missing.
Other activity: _____	Appropriately chosen activity. Shows good understanding of topic. Creative.	Appropriately chosen activity. Shows understanding of topic.	Appropriately chosen activity. Shows little understanding of topic.	Inappropriately chosen activity.
Other activity: _____	Appropriately chosen activity. Shows good understanding of topic. Creative.	Appropriately chosen activity. Shows understanding of topic.	Appropriately chosen activity. Shows little understanding of topic.	Inappropriately chosen activity.
Other activity: _____	Appropriately chosen activity. Shows good understanding of topic. Creative.	Appropriately chosen activity. Shows understanding of topic.	Appropriately chosen activity. Shows little understanding of topic.	Inappropriately chosen activity.
Other activity: _____	Appropriately chosen activity. Shows good understanding of topic. Creative.	Appropriately chosen activity. Shows understanding of topic.	Appropriately chosen activity. Shows little understanding of topic.	Inappropriately chosen activity.
<b>Total Points:</b>				

