



Geometry in Your Neighborhood

For this project you will choose a building in your neighborhood and look closely at its geometric features.

Requirements:

- Look closely at different buildings in your neighborhood. Choose a building with interesting geometric features and explain what it is used for.
- Sketch the building and label the different geometric shapes, lines and angles that you see.
- Explain why the building's geometric features are important. Be sure to use math vocabulary in your explanation. Use a dictionary or the Word Bank to check your spelling.
- Think of a creative way to present your work. You can make a poster, model, book, or multimedia presentation.

Bring your project to school to share on: _____

WORD BANK:

right angle acute angle obtuse angle
perpendicular lines parallel lines intersecting lines
two-dimensional three-dimensional
square rectangle hexagon trapezoid rhombus
triangle
rectangular prism cube cylinder sphere

Geometry in Your Neighborhood Rubric

Name:

Date:

Requirements	4	3	2	1
Sketch of Building	Sketch shows attention to detail	Main features of building are present in sketch	Some features of building are present in sketch	Sketch is incomplete or missing
Labels	All geometric shapes, lines and angles are labeled accurately	Most geometric shapes, lines and angles are labeled accurately	Some geometric shapes, lines and angles are labeled accurately	No geometric shapes, lines and angles are labeled accurately
Explanation	Explanation is very clear	Explanation is clear	Some parts of explanation are clear	Explanation is missing or unclear
Writing Conventions <ul style="list-style-type: none"> . spelling . punctuation . capitalization . grammar . paragraphing 	Strong grasp of all standard writing conventions evident	Strong grasp of standard writing conventions evident. Some minor errors that do not impair readability.	Basic grasp of standard writing conventions evident. Errors impair readability.	Minimal grasp of standard writing conventions apparent. Numerous errors distract or confuse reader.
Presentation	Project is presented in a very creative and effective way	Project is presented in a creative and effective way	Some parts of the project are presented in a creative or effective way	Project is not presented in a creative or effective way

Total: /20