Geometry in the Real World

Vocabulary Project

Understanding vocabulary is an integral part of learning in Geometry. Visualizing what a term means in the real world increases understanding and makes learning relevant. In this project, you will be looking for representations of geometric figures in the world around you. **CHOOSE A THEME THAT EACH OF THESE REPRESENTATIONS WILL BE CENTERED AROUND THROUGHOUT THE PROJECT.**

Format: You can choose to complete this project as a poster, booklet, or PowerPoint presentation. Use photographs or pictures from magazines/newspapers/internet to show representations of vocabulary term. If you choose to do PowerPoint presentation, submit this on a CD or flash drive or save it in your student directory AND print a Handout for your presentation with no more than 6 slides per page.

Requirements: Using whichever format you chose above, create a visual representation from the real world for **20** of the terms listed on the back of this page. **Highlight** or outline where the term is found in the picture. Write a **definition** for each term AND a **sentence** to clarify how the term is represented in your picture.

Grading: Projects will be graded for clarity of definitions and sentences, accuracy of visual representations, creativity, and overall neatness of the final product.

**SCORING GUIDE**

Highlighted Visual Representations (1 pt. each x 20) \_\_\_\_\_\_\_ / 20

Definition for each term (1 pt. each x 20) \_\_\_\_\_\_\_ / 20

Clarifying sentence with each picture (1 pt. each x 20) \_\_\_\_\_\_\_ / 20

Creativity \_\_\_\_\_\_\_ / 10

Overall neatness of project \_\_\_\_\_\_\_ / 10

**TOTAL POINTS \_\_\_\_\_\_\_ / 80**

DUE DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parallel Rectangle Rhombus

Parallelogram Square Triangle

Isosceles Pentagon Hexagon

Octagon Slope Vertex

Angle Alternate Interior Alternate Exterior

Corresponding Congruent Adjacent

Vertical Angles Linear Pair Acute

Obtuse Right Angle Trapezoid

Consecutive Opposite Same-side Interior

Same-side Exterior Supplementary Complementary

Bisect Circle Polygon

Rise/Run Diagonal Radius

Distance Midpoint Equilateral

Equiangular Regular Polygon Intersect

Segment Degrees Midsegment

Equation Transversal Inches

Centimeters Graph Scalene

Altitude Median Perpendicular

Hypotenuse