Algebra Scavenger Hunt Summer Project

You are going to participate in a Algebra vocabulary scavenger hunt. You have the choice of where you collect photos. You can look at school, your home, the city, the mall, etc. and collect photos of the following items:

1. Coordinate Plane
2. Positive numbers
3. Negative numbers
4. Reflection
5. Line of symmetry
6. Terminating decimal
7. Fraction
8. Like terms
9. Equivalent
10. Inverse number
11. Opposite number
12. Area
13. Perimeter
14. Balance
15. Proportion
16. Unit Rate
17. Similar Figures
18. Markup
19. Discount
20. Interest
21. Parabola
22. Intersection
23. Congruent
24. Parallel
25. Perpendicular

Criteria:

Your pictures should come from your own photographs (use a camera/cell phone) in a real life setting. Please be **CREATIVE** with your project. Each picture may only be used once.

Procedure:

After you have collected all of your photos:

- Place all the photos in a PowerPoint or Google Slide type program (one item per slide)
- Label each picture with the proper vocabulary word.
- Add the definition of the word to the slide.
- Highlight or somehow show the relationship in the picture so that it is easily seen.

Writing Part: (on the last slide)

- Explain why Algebra is important in the real world and whether it was easy or difficult to find photos. Also write about what you learned while doing this scavenger hunt.

Presentation:

You have a choice as to how you would like to create and present your project. Your options are:

- PowerPoint
- Google Slides
- Adobe Spark
- Prezi (www.prezi.com)
    - Prezi is easy to use and is similar to creating a PowerPoint by has different visual effects and can be accessed online.

Example Photo:



Item: #24 (2 parallel lines)

Definition: Two lines are parallel if they lie in the same plane and do not intersect. The symbol ‖ means "is parallel to."

Name:

Scavenger Hunt Project Rubric

Categories	Picture (out of 1 point)	Definition (out of 1 point)
1.		
2.		
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Writing Part (out of 10 points): _____

Comments:

Total Points: _____ / 50