

# Mathematical Scavenger Hunt

**Goal:** To create a scrapbook of **at least 26** real world artifacts related to math that can be discovered outside the classroom setting. The scrapbook will help demonstrate how math is found in your daily life. Families are encouraged to help in the search!

**When:** Begin planning and working ASAP. Scrapbooks can be typed or neatly written. Your scrapbook will be **due in class** on \_\_\_\_\_.

**Instructions:** You will need to find \_\_\_\_\_ of the items listed below and display them neatly in your scrapbook. Each item must be labeled with a **complete sentence that describes what the item represents**. For example, "This picture contains 10 bananas." or "This newspaper article mentions the word mile when describing a distance." You may have more than one item per page. **Everyone MUST complete the section labeled "must include"!**

**Grading:** This scrapbook will count as a **test grade**. I will be grading it according to the **rubric** on the back of this page.

**Sources:** You can use magazines, newspapers, pictures, and/or household items to create your scrapbook. Please see me individually for ideas or suggestions.

*Choose 26 from this section:*

1. a help wanted ad for someone that needs good math skills (see the classified ads in the newspaper)
2. a bar code that starts with a 4
3. a picture of 10 or something
4. a calendar page with Sunday as the first day of the month
5. a cash register receipt where the total has a decimal in it
6. a newspaper article or ad that has a percent in it
7. a food label with less than 2 grams of fat per serving
8. a picture of someone wearing a number
9. the name of the person on a fifty-dollar bill
10. a business logo with a triangle on it
11. a newspaper article that mentions the word mile
12. a sports page score that can be written as a ratio
13. a picture of someone wearing parallel lines
14. a picture of a bar, circle, or line graph
15. an article that has a number containing a decimal
16. something with a fraction larger than one-half in it
17. a picture of a sale item with the original and sale price
18. A picture of a building whose design has at least 3 different types of angles.
19. An article from a newspaper or magazine that features mathematics.
20. An object from nature that has symmetry.
21. The address of at least 3 math web sites (that are not on my website).
22. A picture that shows 2 or more perpendicular lines.
23. A comic or comic strip about mathematics.

Name \_\_\_\_\_

## Mathematical Scavenger Hunt

24. An everyday object that has 4 parallel lines.
25. Any picture representing the graphs we studied in Unit 4.
26. A piece of wrapping paper that contains at least one transformation (translation, rotation, or reflection).
27. The names of 3 famous mathematicians along with a sentence stating their contribution to math.
28. A picture of a traffic sign that contains intersecting, perpendicular, or parallel lines.
29. An advertisement for a specific item which shows intersecting lines.
30. A list of 10 math terms that all begin with the same letter.

*Must include the following:*

- 1. parent comments and signature** (must include)
- 2. a paragraph explaining whether or not you believe this project helped you understand how math is all around us** (must include)

Due date: \_\_\_\_\_

### Math Scavenger Hunt Grading rubric:

	Possible Point Value	Earned Point Value
Project contains 26 items (3 points each).	78	
Project is organized, clearly labeled, and contained in a binder (or proper container) with your name and the date on the front.	12	
Project shows creativity and thoughtfulness in your work.	10	
Total score	100	

Be creative... think outside the box!