

Mathematical Scrapbook

Choose a topic from the math concepts listed on the left side and illustrate it using a type of media listed on the right side. Create your scrapbook pages following the template. Complete 3 for June and 3 for July for a total of 6 pages.

Math topics

- decimal and fraction operations
- integer operations
- exponents
- solving algebraic equations
- setting up a ratio to compare quantities
- rates, unit rates and unit cost
- using and solving a proportion
- scale drawings and similar figures
- percent / decimal / fraction equivalence
- percent /percent change / discount /mark-up
- 2-D geometry - lines, angles, polygons
- 3-D geometry - solid figures
- circles
- measurement - perimeter, area, volume
- using statistics and graphs to analyze data
- patterns
- linear equations and functions
- slope

Types of media

- assigned summer reading book
- other book
- newspaper
- magazine
- ad/flyer
- television
- graph in magazine, newspaper
- movie
- games/video games
- music
- travel related item (map, ticket, brochure, gas prices, mileage etc)
- your own digital picture of hands-on activity such as shopping, home improvement, gardening, cooking, etc.
- ticket to a music or sporting event
- program from sports event

(template for scrapbook pages)

Topic (from list)

Insert picture, ad, receipt,
ticket stub, or other
scrapbook item (from the
list of media in the
instructions)

Problem:
must relate to the topic

Solution:
with explanation

Media source with date