

Mathematical Scrapbook – A Math Problem Solving Project Summer 2011

Math is everywhere, even in the summer! It's your turn to find a math moment, capture it on a scrapbook page, and write a math problem about it.

There are three pages attached that give you instructions for your Mathematical Scrapbook. First is a list of math topics and types of media you can use to illustrate and explain your topic. Second is an example using percent discount as a topic illustrated with a newspaper ad. Third is a template that gives the details of what must be included on your scrapbook page.

Your scrapbook pages can be done digitally or in print. You can even choose a few of each type. For digital pages, your media (ad, picture, program, brochure, etc..) will be inserted digitally onto your page, and your problem, solution and explanation must be typed onto your page. For print pages, please use a standard size sheet of paper. Your media will be attached directly onto your paper, and your problem, solution and explanation can be either neatly written or typed.

Whichever type of page you create, refer to the template to make sure you include the required elements. Use the the following checklist for each individual scrapbook page to make sure your page is complete and follows directions.

In total you will have 6 different scrapbook pages -- 3 from June and 3 from July for a total of 6. Each of the 6 should represent different topics and different media. For example, if you use an advertisement to create a problem about percent discount, you cannot use another ad or create another problem about percent discount.

Criteria for each page	Checklist
Topic is from list and topic is clearly identified on scrapbook page	
Documented media attached with source indicated with date	
Topic and media are not repeated from previous scrapbook pages	
Problem is neatly printed or typed	
Problem is thoughtful and of appropriate difficulty level	
There is an obvious connection between media and problem created	
Solution is thorough and accurate	
Each scrapbook page fits onto one page only, and it has your name on it	