

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Literacy: What's That Stuff?

Go to the American Chemical Society page: "What's That Stuff?"

<http://pubs.acs.org/cen/whatstuff/stuff.html>

Choose three of the articles listed. Some may be a little easier to read than others, so check out a few topics that are interesting to you before you decide!

### For each article:

1. Read the article all the way through first.
2. Make a list of five "science words" that you read in the article. These can be words you have seen before or not. Try to avoid picking chemical names.

*Example: Friction*

3. For each science word, write a definition in your own words. Try to write the definition in a way that another grade 9 student would understand. Your textbook is a good resource for these definitions!

*Example: Friction is a force that slows down the movement of an object by pulling in the opposite direction.*

4. Write one paragraph in your own words that explains "what's that stuff?"

*Example: Polyurethane foam is foam product that can be flexible or solid. It comes in four different varieties, although all of them are made using a similar process. The solidness of the foam depends on how many air bubbles are put into it during the manufacturing process. Polyurethane has many applications, including carpet padding, memory foam in mattresses and even space shuttles.*

### Evaluation:

#### Criteria

- Expresses ideas and concepts clearly and concisely
- Uses grade-level, scientific language
- Responses written in the student's own words
- Science words are carefully selected and correctly defined
- Summary paragraph of "stuff" is accurate and thorough
- Can identify key ideas from the content of the article
- Evidence of effort in all parts of the assignment
- All parts of the assignment are complete