

Name \_\_\_\_\_

Date \_\_\_\_\_

# **YHS Science Research Program**

## **Household product exploration**

*Goal:* To fully learn about an “ingredient” in a household product

Presentation of the “ingredient”: You will teach the class about your “ingredient” verbally. This presentation should take NO LESS 3 MINUTES AND NO MORE THAN 4 MINUTES

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**Step 1. Decide** on one “ingredient” to research.

- Read a number of labels from household cleaners, foods, bathroom products.
- Choose an interesting “ingredient” that you do not already know about.

**Step 2. Do an online research** to learn about the “ingredient”

- Find out all about the “ingredient” and why it is in the product you selected.
  - What does it do? and how does it work?
  - Who discovered that it could do what it does?
  - What is the scientific name? What is the common name?
  - How did they discover it would do what it does?
  - Why would the company want to add it to their product?
  - Does it have other functions at other concentrations?
  - Why is it used in the % that it is? Is more better?
  - Are their positive and/or negative side effects to using this ingredient?

**Step 3. Prepare a Four (4) Slide PowerPoint Presentation**

- **(Slide #1)** List the “ingredient” name on the top followed by “presented by --- your name”
- **(Slide #2)** List in bulleted form, background information on the “ingredient”, such as: inventor, original purpose, scientific name, common name, etc....
- **(Slide #3)** List in bulleted form, up to date information: used in what products? Contraindications? Research done on this product? Beneficial uses? Dosages, Etc.... You should include any drastic changes in our knowledge of the product.. (we used to think.. but thanks to the research of .. we now know...)
- **(Slide #4)** List in proper MLA or APA (bibliographic) format all sources used to gather your information. Briefly explain what type of information each source provides.
  - Be sure to document all interesting facts and the sources those facts came from.
  - Do not use Wikipedia for any information.
  - Use proper bibliographic format when documenting an online source.  
(*helpful resource for this - [www.easybib.com](http://www.easybib.com)*)

**Step 4. Present** your findings to the class

- Be prepared to fascinate your classmates by giving an interesting, fact-filled lesson to your classmates.
- Be prepared to answer questions.