**HerbFest:** Product Ideas –Listed below are some that have been done in former projects:

**READ THIS FIRST! *REMEMBER***- This project counts for ONE TEST GRADE and TWO LAB GRADES. Chemical/Biochemical concepts and/or processes and/or reactions **must be** incorporated and utilized regarding the synthesis of your final, ‘marketable’ product. Pictures of you actually doing the project must be included and on your tri-fold. Information about the active ingredient must also be on the tri-fold (including a picture of the molecule’s structure). Use an appropriate ratio of visuals to text, while making sure the tri-fold has a focal point. The tri-fold must be attractive and NEAT! \*Use a ruler when cutting construction paper (or anything else) that is on the trifold. You also must submit a paper that includes background info on the molecule, procedures followed for your product’s synthesis, etc (see the first sheet I gave you regarding requirements). APA format. Do not use ‘first person’. Cited sources on last page. **ABSTRACT** must be included (125-200 words) and always comes first (after the Title Page) in the ‘lab report’, but is actually the very last thing you actually write (see my blog for Abstract Instructions). If your project qualifies and is approved, the abstract will be electronically submitted for STEAM Symposium (more info on that coming soon). **Approval (& attendance) for Symposium entitles you to drop your lowest test grade, which means EVERY component of the project earns a high rating on rubric**. Also, **DO NOT PUT YOUR NAME ON THE TRIFOLD! ONLY PUT YOUR STUDENT # ON THE BACK**

\*Here’s one of the sites responsible for me coming up with the idea of Wheeler HerbFest and might help you come up with some ideas: <http://www.herbfest.net/index.php>

\**I’ve also included some links of product ideas that I’ve seen on-line recently, below:*

Candles

Bath and Body Products (shampoo, body wash, lotion, etc)- see link below for cosmetics

Scented oils- such as ‘Aromatherapy’ (\*note-infusion of herbs usually takes 4-6 weeks)

Room deodorizers

Biofuels (NO DEMONSTRATIONS!)

Dyes (must use the dye on something and use it as part of the project)

Ink (must use the ink and use it as part of the project)

Paper (this was synthesized along with ink and used as a ‘wedding themed’ project, with wedding cake as the edible product. Yes…it won that year!)

Bio-Plastics and other recyclable products

Pet products

Herbal band-aides (see ‘medicinal herbs’-below)

Gum

Pesticides

Cosmetics (<http://www.herbfest.net/beautiful-herbs/cosmetic-herbs> )

Soap (. <https://science.wonderhowto.com/how-to/make-soap-out-guava-leaf-extract-for-science-investigatory-project-424946/>)

Toothpaste, Mouthwash

Play-doh

Jewelry

Clothing

Decorative items

Potpourri

Medicinal Herbs- \*note- you may **not** offer any oral medicinal herbs for consumption! And, I must also approve any that are topical. (<http://www.herbfest.net/medicinal-herbs>)