



HAPPY MOLE DAY!!!!

June 2nd (6.022 x 10²³)

Mole Day is quickly approaching. To celebrate this very special day, you may choose a project from the list below or come up with your own original idea that is approved by me. All assignments will be worth a 40 pt lab grade. Points earned are based on the quality of the completed assignment. Some assignments require a 1 page

typed report along with your project. **You may only choose one, so choose wisely!**

1. Make a stuffed mole and give it a costume and name. You may get the pattern from clicking [here](#). Watch video on how to sew a Mole [here](#). Research the properties of the fabric you select to use.
2. Make a mole poster based on a mole slogan. [Here](#) is a list of slogans to use or come up with your own. Poster must be neat and colorful. (no report required)
3. Make and decorate a mole cake or cupcakes. Be creative. Explain the function of baking soda in the baking process. Include the formula and reaction(s) involved.
4. Make one batch of mole cookies (must be nut free). [Here](#) are the recipes or research your own. For each ingredient you use convert into moles, click [here](#) for assignment. For example, convert 1 cup of sugar (sucrose) into moles.
5. Make a creative mole piñata. Research the role of glue and paper mache in holding it together.
6. Make a mole costume for yourself and come to school dressed like a mole (head to toe). Research the history of the mole and tell it to the class.
7. Make a mole storybook and read it to the class. Must be at least three pages, have pictures, and be a detailed story. (no report required)
8. Write and perform a mole song, dance, cheer, or movie for the class. (copy of lyrics required)
9. Construct a 3-D mole house using any materials you like. (no report required)
10. Create a mole game for the class to play. (no report required)
11. Design and create mole pins for the class to wear. Research and discuss materials you used. (30 pins)
12. Make a large fabric mole banner. Use themes from this year. (no report required)
13. Bring in a class set of cups, plates, and napkins. Compare and contrast the benefits and negatives to using paper, plastic, and styrofoam.
14. a. Bring in 1 bottle of 2 liter soda. Research how soda is bottled, include the pressure that the gas is under. b. Bring in a quart of milk. Research what a colloid is and relate it to this year in chemistry.

You must tell me what you are doing prior to Mole Day!

Any edibles should be brought to room B-1 or B-3 the morning of Mole Day.