

Name: _____

Due Date: _____

EXTRA CREDIT SCIENCE EXPERIMENT OF THE MONTH

IN THIS EXPERIMENT STUDENTS WILL LEARN THREE
IMPORTANT SCIENTIFIC PRINCIPLES:

- ALL MATTER IN OUR WORLD CAN BE CATEGORIZED AS SOLID, LIQUID, OR GAS
- DIFFERENT LIQUIDS CAN HAVE DIFFERENT DENSITIES
- THE MOLECULES ARE MORE COMPACT IN SOME SUBSTANCES THAN OTHERS

Research Question (What do you want to find out?): What will happen if three different liquids are poured into the same glass?

Hypothesis (What do you think?): I think the liquids will _____

Materials: cooking oil, water, pancake syrup, large glass, one penny, one Lego block, one small wood chip

Procedure (Steps you will take to find out.):

1. Pour equal amounts of oil, water, and syrup into a large glass. See picture below.



2. Wait and observe what the liquids do.
3. Once the liquids settle, drop the penny, the Lego block, and the wood chip into the glass one at a time. Observe where the objects settle.