

1. Problem/Question: (Forming)

To use what you know to identify mystery liquids (without tasting).

2. Background Information:

- Liquids can be tested for acidity by using a _____ indicator.
- Liquids can be tested for the presence of sugar by using _____.
- Liquid with more density have _____ buoyant force, which can be measured with a graduated wooden cylinder. (Show an illustration)
- Liquids can be safely tested for odor by carefully waving the fumes toward ones nose.
- _____

Sources:

3. Hypothesis (Prediction):

Using only looks and odor, I predict he liquids:

- A _____
- B _____
- C _____
- D _____
- E _____
- F _____

4. Procedures: (Designing)

-
-
-
-
-

5. Illustration:

Name: _____

Science 8: Changes Block: _____

#2 Identifying Mystery Liquids

6.1 Observations Chart: (Collecting)

Liquid Tests:

↓	pH				
A					
B					
C					
D					
E					
F					

6.2 Observations Graph:

A B C D E F

Liquids ↑

7. Analysis Paragraph: (Analyzing)

I am sure _____ is _____ because _____

I am unsure about _____ because _____

8. Conclusion: After conducting tests, I conclude the liquids are:

- A _____
- B _____
- C _____
- D _____
- E _____
- F _____