### 1. Problem/Question: (Forming)

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

#### 2. Background Information:

1. Liquids can be tested for acidity by using a \_\_\_\_\_ indicator.

2. Liquids can be tested for the presence of sugar by using \_\_\_\_\_.

3. Liquid with more density have \_\_\_\_\_.

buoyant force, which can be measured with a graduated wooden cylinder.

(Show an illustration)

4. Liquids can be safely tested for odor by carefully waving the fumes toward ones nose.

5.

### Sources:

### 3. Hypothesis (Prediction):

Using only looks and odor, I predict he liquids:

- A\_\_\_\_\_
- B\_\_\_\_\_

C\_\_\_\_\_

D\_\_\_\_\_

E\_\_\_\_\_ F\_\_\_\_\_

# 4. Procedures: (Designing)

- 1.
- 2.
- 3.
- 4.

5.

### 5. Illustration:

#### Name:

Science 8: Changes

#2 Identiving Mystery Liquids

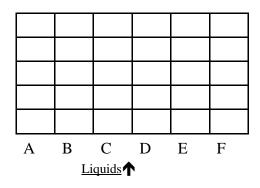
Block:

### 6.1 Observations Chart: (Collecting)

Liquid Tests:

¥	pН		
Α			
В			
С			
D			
Е			
F			

# 6.2 Observations Graph:



7. Analysis	Paragraph:	(Analyzing)
I am sure	is	

because\_\_\_\_\_

I am unsure about \_\_\_\_\_ because\_\_\_\_\_

**<u>8.</u>** Conclusion: After conducting tests, I conclude the liquids are:

\_\_\_\_\_

- <u>A</u>\_\_\_\_\_ B\_\_\_\_\_
- <u>C</u>\_\_\_\_\_
- D

E

**F** 

F