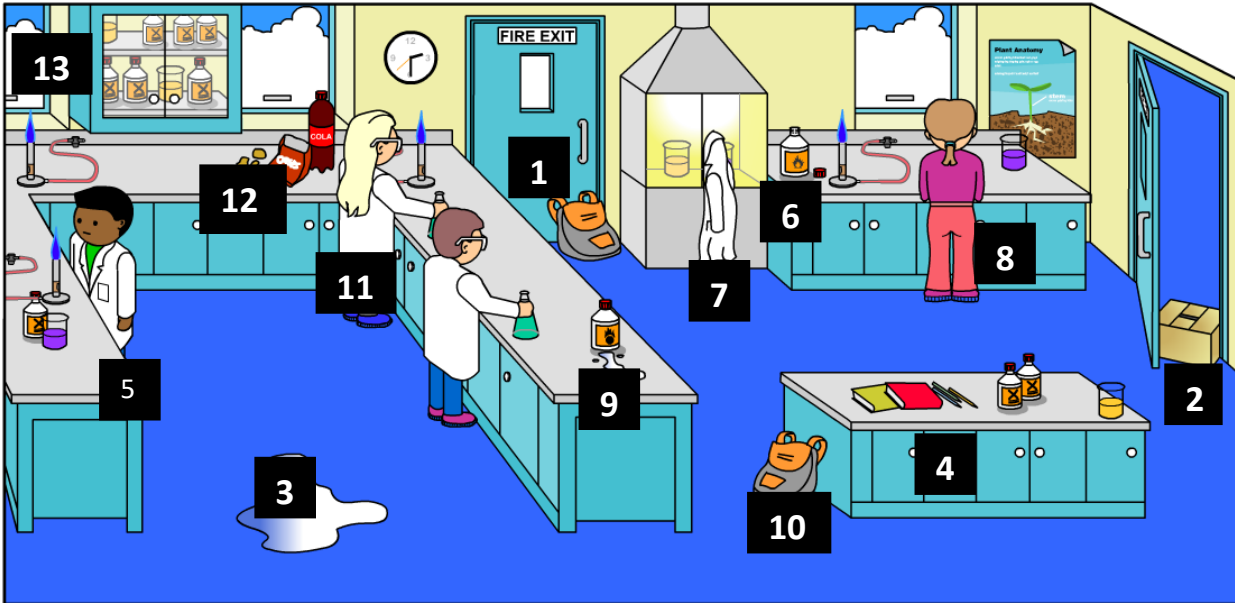


## Quarter 2 Review Matching

### LAB SAFETY:

Look at the picture below. Write the number of the rule violation beside the correct lab rule.



\_\_\_\_\_ Do not block fire exit.

\_\_\_\_\_ Student must wear safety glasses.

\_\_\_\_\_ Keep fume cabinet door clear.

\_\_\_\_\_ Clean all water left on the floor.

\_\_\_\_\_ Close bottles of flammable liquid.

\_\_\_\_\_ Student's hair must be tied back.

\_\_\_\_\_ Beakers must not be close to edges.

\_\_\_\_\_ Do not leave Bunsen burner lighted.

\_\_\_\_\_ Lab door must be closed at all times.

\_\_\_\_\_ Keep food and drink out of the lab.

\_\_\_\_\_ Student must wear lab coat.

\_\_\_\_\_ Clean up desk spills right away.

\_\_\_\_\_ Keep walkway free of book bags.

LAB TOOLS:

Choose the correct answer to these questions.

. The picture shows a laboratory tool being used to measure a physical property of a liquid.

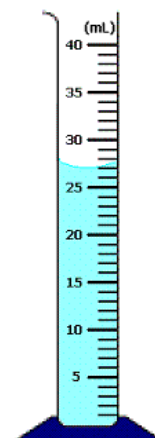
\*What property is the lab tool being used to measure?

- ☐ A. length
- ☐ B. mass
- ☐ C. viscosity



\*What is the volume of the liquid in the graduated cylinder shown at the right?

- ☐ A. 27 mL
- ☐ B. 28.5 mL
- ☐ C. 26 mL



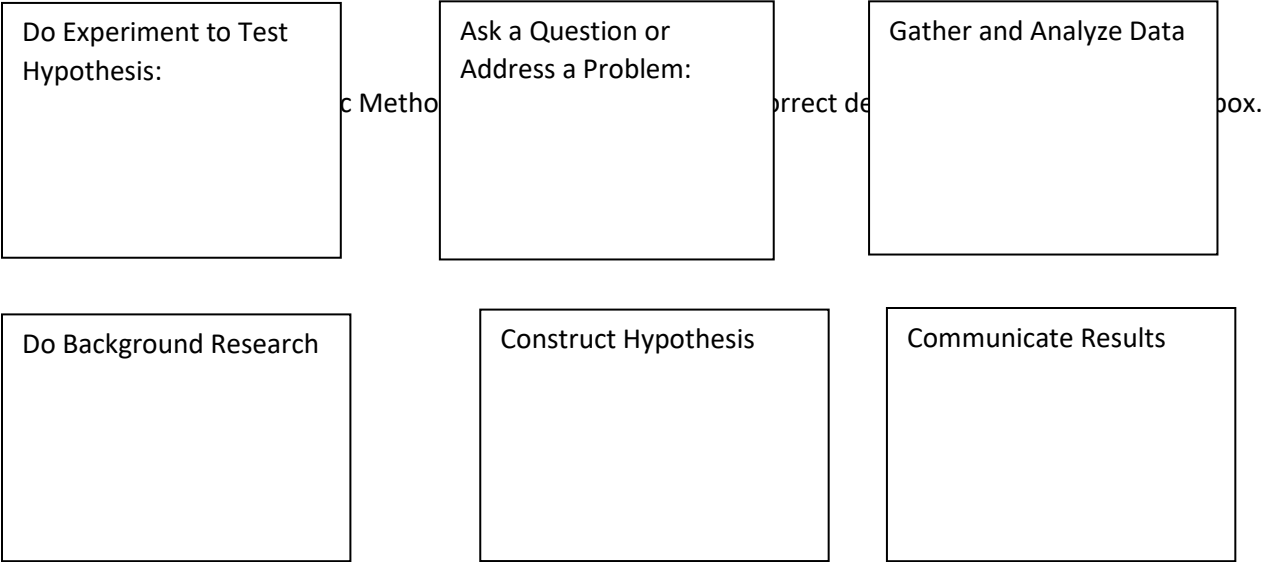
\*When using pH paper, shown at the right, the pH of a solution can be determined by looking at the \_\_\_\_\_ of the paper.

- ☐ A. texture
- ☐ B. length
- ☐ C. color



\*Mr. Fowler asked his students to measure the length of an index card and record it in centimeters. Which measuring device should the students use?

- ☐ A. stopwatch
- ☐ B. metric ruler



DISCRIPTIONS:

- |  |   |   |
|--|---|---|
| There must be some problem to be solved or a question to be answered that interests you. | Seek as much information about the topic as you possibly can.         | Form an educated guess to answer question based on research. Must be testable.                    |
| Design a process to test hypothesis using variables and constants.                       | Observe changes and record data during experiment. Study the results. | Draw conclusions based on your data. Was the hypothesis correct? What was learned in the process? |

## Quarter 2 Review Fill In

### LAB SAFETY:

Look at the picture below. The students have not learned about lab safety. Find and mark 13 unsafe lab practices. Then write a safety rule for each that you think the students should practice to have a safe lab experience. #1 has been done as an example. You can use your shape tool to circle your choices. ( under the insert, then shapes tab.)



1. Clean up spills on the floor.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

LAB TOOLS:

Choose the correct answer to these questions.

. The picture shows a laboratory tool being used to measure a physical property of a liquid.

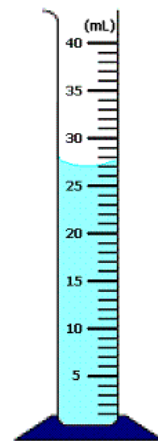
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- ☐ A. texture
- ☐ B. length
- ☐ C. color



\*Mr. Fowler asked his students to measure the length of an index card and record it in centimeters. Which measuring device should the students use?

- ☐ A. stopwatch
- ☐ B. metric ruler
- ☐ C. thermometer

SCIENTIFIC METHOD:


Fill out the table by listing the 6 steps of the Scientific method and write a short description for each step.

STEPS	DISTRIPTIONS

## Lab Safety Game Assignment.

Go to this website: <http://www.interactivesolutions.co.uk/games/flashGames/labHazards.htm>

**Identifying Laboratory Hazards** Close X



**INSTRUCTIONS**  
After clicking on the **Start** button below, move your cursor around the laboratory to find hazards. a red "!" will appear when you have located one. Click on the Hazard to answer a question and make the hazard safe. There are 13 to find - see how quickly you can **find** and **fix** them.

**START** ➡

Find the 13 hazards. When you have found and fixed all of the lab infractions, you will be given a screen that tells you how long it took. Take a screen shot of that and attach it to a message and send it to me in the message center.



you took **111** seconds to find all 13 hazards in the laboratory.

Click on **Play Again** to see if you can beat your time or click close to return to the learning materials .

**PLAY AGAIN** ➡