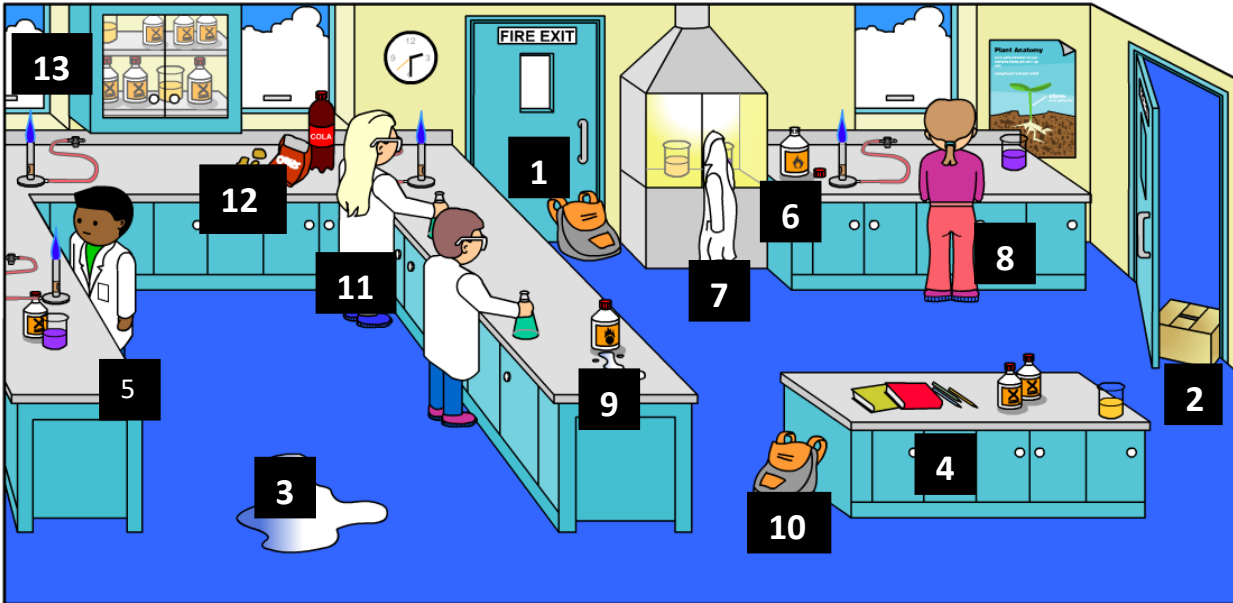


Quarter 2 Review Matching

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.

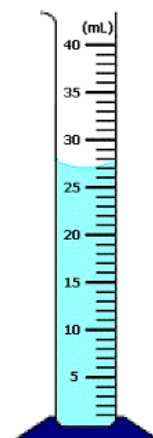
*What property is the lab tool being used to measure?

- ☐ 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.

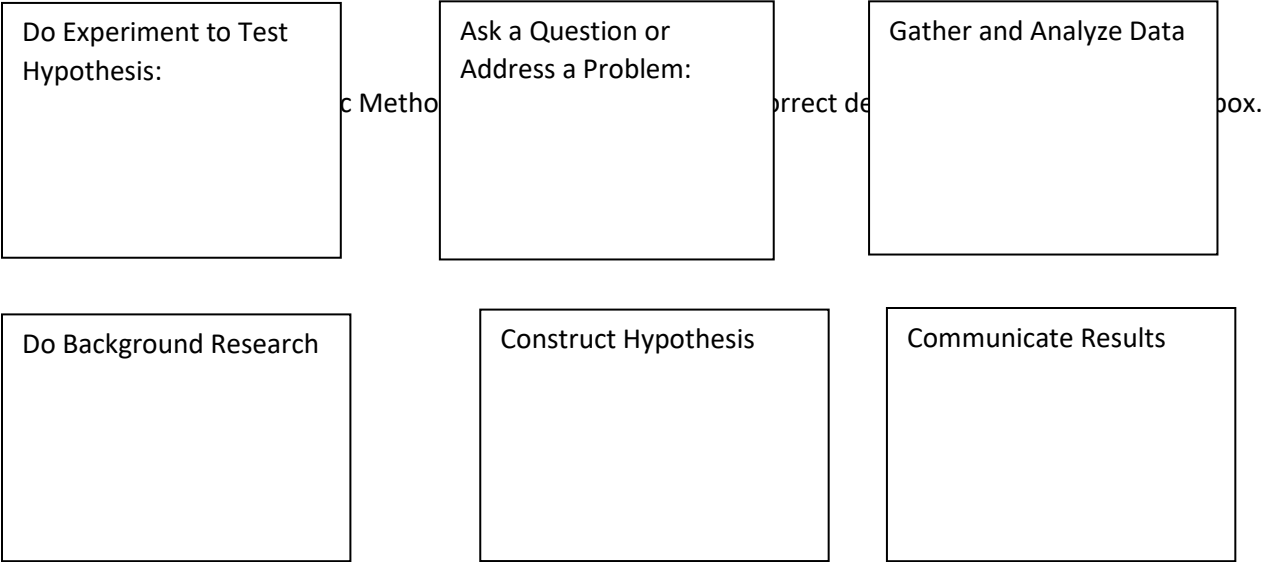
- ☐ A. texture
- ☐ B. length
- ☐ C. color



*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

 C. thermometer



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.

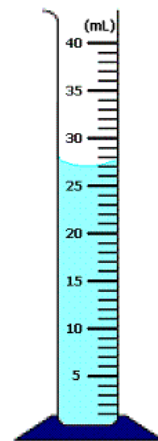
*What property is the lab tool being used to measure?

- ☐ 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
- ☐ 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 ➡

Lab Safety Resources:

Watch this video: <https://www.youtube.com/watch?v=MEIXRLcC6RA>

Read this article: <https://www.edweek.org/ew/articles/2003/04/30/33labsafety.h22.html>

Read this article: https://safety.lovetoknow.com/Safety_in_the_Science_Classroom

Watch this video: <https://www.youtube.com/watch?v=NjJz85bQqdM>