



Questions:

1. List 3 unsafe activities shown in the illustration and explain why each is unsafe.
2. List 3 correct lab procedures depicted in the illustration.
3. What should Bob do after the accident?
4. What should Sue have done to avoid an accident?
5. Compare Luke and Duke's lab techniques. Who is following the rules?
6. What are three things shown in the lab that should not be there?
7. Compare Joe and Carl's lab techniques. Who is doing it the correct way?
8. What will happen to Ray and Tim when the teacher catches them?
9. List three items in the illustration that are there for the safety of the students in the lab.
10. What is Betty doing wrong?

Name \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**Scientific Method**  
**Science Safety Rules**



The Griffin Family has been learning safety rules during science class. Read the paragraphs below to find the broken safety rules and highlight each one. How many can you find?

Chris, Megan and Stewie were thrilled when Mr. Brown gave their teacher a chemistry set! Mr. Brown warned them to be careful and reminded them to follow the safety rules they had learned in science class. The teacher passed out the materials and provided each person with an experiment book.

Stewie and Chris flipped through the book and decided to test the properties of a mystery substance. Since the teacher did not tell them to wear the safety goggles, they left them on the table. Stewie lit the Bunsen burner and then reached across the flame to get a test tube from Chris. In the process, he knocked over a bottle of the mystery substance and a little bit splashed on Chris.

Stewie poured some of the substance into a test tube and began to heat it. When it started to bubble he looked into the test tube to see what was happening and pointed it towards Chris so he could see. Chris thought it smelled weird so he took a deep whiff of it. He didn't think it smelled poisonous and tasted a little bit of the substance. They were worried about running out of time, so they left the test tube and materials on the table and moved to a different station to try another experiment.

Megan didn't want to waste any time reading the directions, so she put on some safety goggles and picked a couple different substances. She tested them with vinegar (a weak acid) to see what would happen even though she didn't have permission to experiment on her own. She noticed that one of the substances did not do anything, but the other one fizzed. She also mixed two substances together to see what would happen, but didn't notice anything. She saw Stewie and Chris heating something in a test tube and decided to do that test. She ran over to that station and knocked over a couple bottles that Stewie had left open. After cleaning up the spills, she read the directions and found the materials she needed. The only test tube she could find had a small crack in it, but she decided to use it anyway. She lit the Bunsen burner and used tongs to hold the test tube over the flame. She forgot to move his notebook away from the flame and almost caught it on fire.

Before they could do another experiment, the bell rang and they rushed to put everything away. Since they didn't have much time, Chris didn't clean out his test tube before putting it in the cabinet. Stewie noticed that he had a small cut on his finger, but decided he didn't have time to tell the teacher about it. Since they were late, they skipped washing their hands and hurried to the next class.