

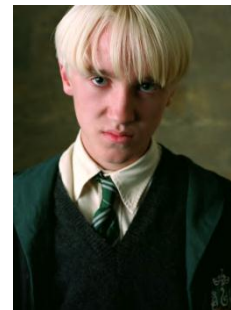
Name _____ Class Period _____ Date _____

Scientific Method Science Safety Rules

Harry and his pals have been learning safety rules during science class. Read the paragraphs below to find the broken safety rules. Identify the sentence containing the error in safety practices and state the safety rule that applies in that particular situation.

For example:

Sentence #	Safety Rule
5	Always wear safety goggles whenever you are working with chemicals or other substances that might get into your eyes.



¹ → Harry, Ron, and Hermione were thrilled when Professor Snape gave them each a new potions set!
² Professor Snape warned them to be careful and reminded them to follow the safety rules they had learned in previous Potions lessons. ³ Snape passed out the materials and provided each person with an experiment book, with specific instructions to read and follow the directions for each lab station.

⁴ While Hermione sat reading the text, Harry and Ron quickly flipped through the book and decided to test the properties of a mystery substance. ⁵ Since Professor Snape did not tell them to wear their safety goggles, they left them on the table. ⁶ Ron lit the Bunsen burner and then reached across the flame, with dangling robes, to get a test tube from Hermione. ⁷ In the process, he knocked over a bottle of the mystery substance and a little bit splashed on Harry. ⁸ Ron poured some of the substance into a test tube and began to heat it. ⁹ When it started to bubble he looked into the test tube to see what was happening and pointed it towards Harry so he could see as well. ¹⁰ Harry thought it smelled weird so he took a deep whiff of it. ¹¹ He didn't think it smelled poisonous and tasted a little bit of the substance. ¹² They were worried about running out of time, so they left the test tube and potion materials on the table and moved to a different station to try another experiment.

¹³ Draco didn't want to waste any time reading the directions, so he put on some safety goggles and picked a couple different substances. ¹⁴ He tested them with essence of Boomslang (a weak acid) to see what would happen even though he didn't have permission to experiment on his own. ¹⁵ He noticed that one of the substances did not do anything, but the other one began to fizz. ¹⁶ He also mixed two substances together in a clean cauldron to see what would happen, but didn't notice anything. ¹⁷ He saw Crabbe and Goyle heating something with their wands and decided to do that test as well. ¹⁸ He ran over to that experiment station and knocked over a couple bottles that Ron had left open. ¹⁹ Ignoring the broken bottles, Draco read the lab station's directions and found the materials he needed. ²⁰ The only test tube he could find had a small crack in it, but he decided to use it anyway. ²¹ He lit the Bunsen burner and used tongs to hold the test tube over the flame. ²² He forgot to move his notebook away from the flame and almost caught it on fire.

²³ Before the Hogwarts students could do additional experiments, the bell rang and they rushed to put everything away. ²⁴ Since they didn't have much time, Harry didn't clean out his cauldron or test tubes before returning it to the supply cabinet. ²⁵ Ron noticed that he had a small cut on his finger, but decided he didn't have time to tell the Professor about it. ²⁶ Because they were already running late, they skipped washing their hands and left the dungeons, hurrying to their next class (Professor McGonagall is not pleased with tardy students!).

Sentence Containing Error	What is the lab safety rule that was broken in this sentence?
5	<i>Always wear safety goggles whenever you are working with chemicals or other substances that might get into your eyes.</i>