

Name _____

Science Safety Rules

Directions:

- 1) *The Bikini Bottom gang has been learning safety rules during science class.*
- 2) *Read the paragraphs below to find the broken safety rules and highlight each one.*
- 3) *Below each paragraph, pick 2 of the unsafe lab safety rules you underlined and write the safe thing they could do*



(Paragraph 1) SpongeBob, Patrick, and Gary were thrilled when Mr. Krabbs gave their teacher a chemistry set! Mr. Krabbs warned them to be careful and reminded them to follow the safety rules they had learned in science class. Mr. Krabbs passed out the materials and gave the students an experiment book. SpongeBob and Gary flipped through the book and decided to test the properties of a mystery substance.

(Paragraph 2) Since Mr. Krabbs did not tell them to wear the safety goggles, they left them on the table. SpongeBob lit the hot plate and reached across the flame to get a test tube from Gary. In the process, he knocked over a bottle of the mystery substance and a little bit splashed on Gary. SpongeBob poured some of the substance into a test tube and began to heat it. When it started to bubble SpongeBob looked into the test tube to see what was happening and pointed the test tube towards Gary's face so he could see.

(Paragraph 3) Gary thought it smelled weird and took a deep whiff of it.

Gary didn't think it smelled poisonous and tasted a little bit of the substance.

Gary and SpongeBob were worried about running out of time, so they left

the test tube on the hot plate and materials on the table; and they moved to

a different station to try another experiment.

(Paragraph 4) Meanwhile, Patrick didn't want to waste any time reading the directions, so he put on some safety goggles and picked a couple different substances. Patrick tested them with vinegar (a weak acid) to see what would happen even though he didn't have permission to experiment on his own. Patrick noticed that one of the substances did not do anything, but the other one fizzed. He also mixed two substances together to see what would happen, but didn't notice anything.

(Paragraph 5) He saw SpongeBob and Gary heating something in a test tube and decided to try that test. He ran over to that station and knocked over a couple bottles that SpongeBob had left open. After cleaning up the spills, he read the directions and found the materials he needed. The only test tube Patrick could find had a small crack in it, but he decided to use it anyway. He lit the hot pad and used tongs to hold the test tube over the flame. Patrick forgot to move his notebook away from the flame and his notebook lit on fire. Patrick did not tell Mr. Krabbs and poured a beaker full of water on the fire to put it out. Before Mr. Krabbs noticed, Patrick went to a new lab station.

(Paragraph 6) Before the class could complete another experiment, the bell rang and they rushed to put everything away. Since they didn't have much time, Patrick didn't clean out his test tube before putting it in the cabinet. SpongeBob noticed that he had a small cut on his finger, but decided he didn't have time to tell Mr. Krabbs about it and ran out the door to his next class.