

Name: _____

Blk: _____ Date: _____

Science 9 Lab Safety *imovie* Trailer

Now that we have gone over some basic safety features of the science lab, your task is to work collaboratively with your designated classmates to create an *imovie* Trailer using one of the following scenarios (which will be assigned to you).

1. A student is working hard on a chemistry lab experiment that uses a strong acid. Halfway through the lab, the student gets hungry and starts to eat some chips. When the student licks their fingers, they start to experience a severe reaction.
2. During a chemistry experiment, a student carefully pours an unknown solution from a test tube into a beaker. Another student sneaks up behind them and surprises their friend. The student accidentally drops the beaker on the floor, and pieces of glass land on their sandaled feet.
3. A student with loose long hair and dangling clothing (tie or jewelry) is heating a solution over a Bunsen Burner. As the student leans over the burner to reach for something, their hair (or dangling clothing) catches on fire.
4. A student is excitedly telling their friend about their plans for the weekend, and is not listening to the teacher's lab instructions. During the lab, the student mixes two of the wrong chemicals together and an uncontrolled chemical reaction occurs.

5. A student is in the middle of a science experiment where they have to boil a solution for a long time. When the student gets bored and wanders over to talk with their friends, a sweatshirt that they left on the desk near the hot plate catches on fire.
6. A student is working on a lab where they are trying to identify an unknown substance. The student decides to smell the solution by taking a big breath over the test tube. They immediately start to cough and their lungs are burning.
7. A student is rushing to finish their lab. They accidentally spill some acid on the desk, and decide to clean it up with a paper towel before leaving. In the next class, a student sits down at the desk and places their arms on the area that they acid had been spilled, their arms start to react.
8. A student is adding small drops of acid to a solution. They are leaning in closely to count how many drops of acid they are adding. The acid splashes in their eyes.
9. A student is dissecting an earthworm. During the dissection, the sharp scalpel slips and seriously cuts the student's finger.
10. A student is assembling an electric circuit during a science lab. While connecting the wires, their finger gets pinched and becomes a part of the circuit.

You will be assigned one of the above scenarios (so that no two groups are doing the same) and will co-operatively develop your imovie trailer. The execution of this task will include the following three parts:

- I. Act out the **scenario** that is presented
- II. Act out the **response** (the proper way to deal with the scenario)
- III. Act out the **precaution** (the scenario with safety measures in place)

Your final product will be assessed based on a four point scale:

	Not yet within expectations	Meeting expectations	Fully meeting expectations	Exceeds expectations
Collaboration as a group				
Accuracy to the safety concern				
Quality of product				

Partners: _____