

Part 2

Safety



Scientific Safety

Science experiments are important. They are useful in understanding different parts of science that cannot be understood alone by science text books. But science labs can be risky because of chemicals and lab experiments that are being conducted out there.

Due to the risks and dangers that a person might encounter during conducting an experiment there are many special rules for working in a science lab.

The experiment we will do in class will not have the same dangers that a scientist would face in a real science lab however there is still a chance of getting hurt or breaking lab equipment so it is important to follow all of the safety rules.

Here are 10 safety rules that should be followed in science labs or classroom to avoid accidents and injuries.



1. Students are not allowed to touch any chemicals or lab equipment unless they are instructed to do so.
2. Students should never ever work in science lab in the absence of their teachers.
3. Students must follow all the written and verbal instructions when conducting the science experiment.
4. If there is anything you do not understand ask for help before starting the experiment.

5. It is very important to be alert and be cautious when in the science laboratory. Eating, drinking, playing pranks, or listening to music is be strictly prohibited.
6. When mixing chemicals or conducting the experiment, keep the test tube containing the chemical away from your face, mouth, and body.
7. Unused chemicals should never be put back in the original bottle. They must be disposed of as per the guidelines given by the science teacher.
8. Students must be made to wear appropriate safety equipment.
9. Hot items take time to cool down. Allow time to cool them down and use tongs or heat protective gloves to pick them up.
10. If any accident takes place, do not panic. Inform your teacher immediately and lab assistants for help.