

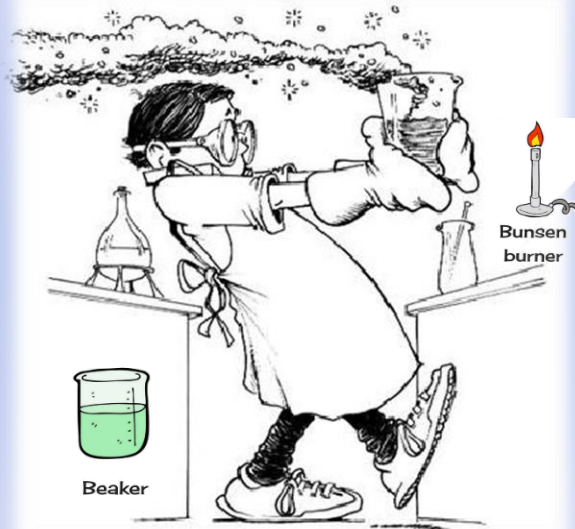
# Year 7 - MYP 1

## Sciences

### "Safety Rulest"



Pipettes



Bunsen burner



Erlenmeyer flask



Graduated cylinder



Beaker

2019-2020

## Safety rules

The following rules and regulations are very important for your safety in the science laboratory. Your teacher is going to explain these rules to you and you are to learn them. Please study the rules very carefully and ask the teacher to explain anything that you do not understand.

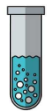
**Rule 1:** All class rules apply during lab. Your safety and the safety of others depend on your good behavior.



**Rule 2:** Any disruptive behavior such as horseplay, playing with lab equipment, running or loud talking will result in immediate discipline.

**Rule 3:** The teacher's desk, cabinets, lab equipment and storeroom are off limits to students unless they have permission. Never handle lab equipment unless instructed to do so by your teacher.

**Rule 4:** Listen to all instructions and follow them carefully.



**Rule 5:** Only taste, touch, or smell things if you have been instructed to do so by your teacher.

**Rule 6:** Never mix chemicals or perform any other experiment unless instructed to do so by your teacher.

**Rule 7:** Equipment should remain in its assigned area.

**Rule 8:** Any broken equipment should be reported to the teacher and will be paid for by the student who broke it.



**Rule 9:** Place all unnecessary equipment safely out of the way.

**Rule 10:** After lab clean all equipment and return it to its assigned area.

**Rule 11:** Never eat or drink in the lab. Wash and dry your hands after each lab.

**Rule 12:** Trash and paper towels are to be placed in the wastebasket.

**Rule 13:** Report all accidents immediately to the teacher without fail.

**Rule 14:** If a chemical is spilled or splashed on your skin or in your eyes, send for

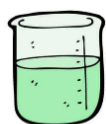
a teacher and flood with water.

**Rule 15:** Tie back long hair to prevent accidents.



Erlenmeyer flask

**Rule 16:** Never leave an open flame unattended.



Beaker

**Rule 17:** When heating test tubes hold them at an angle and heat the sides of the tube as well as the bottom. Never point the mouth of a test tube toward yourself or another person.

**Rule 18:** Sinks are used to dispose of liquid wastes only. At the end of lab, check sinks to make sure liquids have been rinsed down the drain. All solid wastes should be placed in the trash can.

**Rule 19:** Be very careful when operating electrical equipment.

- Lab working surface, equipment, and your hands should be dry.
- Check all cords and plugs to be sure they are in good condition.
- Look for exposed or broken wires and insulation in poor condition.
- Never use an electrical socket without a cover plate.
- Report any equipment that is not working to your teacher.



Test tube rack

**Rule 20:** Read all lab instructions before beginning the procedure.

### ***Life Science Lab and Safety Equipment***

**1.** Eye Wash Station - provided in all labs to flood eye with water for 15 minutes to remove foreign materials and to dilute any harmful chemical. Know where these are located in your lab and how to use them.



Tongs

**2.** Fire Blankets - these fire retardant blankets are provided in all labs. They are used to smother out a fire, can be used to wrap around an individual, smother a table surface fire, or smother a fire in a waste basket. Know where they are located.

**3.** Fire Extinguisher - provided in all lab areas, these are used to put out small chemical or paper fires. In case of major fires, signal alarm and evacuate building, using fire drill procedures.

**4.** Safety Goggles - these are provided for each student. They can be the most important piece of safety equipment you use. They are vital to the safety of your vision. Wear them when heating, when working with chemicals or at any time you are instructed to do so by your teacher.

**5.** Gas Leaks - if you should smell the odor of natural gas in your lab room, immediately inform your teacher.

6. Microscopes - should always be carried with two hands. After use, the light should be turned off, the objectives on low power, the body tube all the way down and the cord wrapped around the base.

### Activity No. 1



1) Write down a list of all the things going wrong in this lab.

2) For each of your answers, write two safety rules.