

UNIT  
1LESSON  
1.1*Lab Safety Rules*

Lesson 1.1 - Lab Safety	
<b>BIG IDEA</b>	Science is the systematic and methodological study of the natural world.
<b>Guiding Question</b>	How do we stay safe in the science classroom?

**In this lesson you will:**

- **explore** the safety rules of the science classroom
- **locate** safety equipment

**Questions you should be able to answer:**

1. What are the basic safety rules?
2. Where is the safety equipment?
3. What do I do in an emergency?

**Concepts:**

- To stay safe in the science classroom we must follow the safety rules.

**Vocabulary:**

- fire extinguisher
- emergency button
- safety goggles

**Safety Rules****Clothing and Protection Equipment**

1. Always wear safety .....
2. Wear an ..... or ..... when you work with corrosive chemicals or chemicals that can stain.
3. Tie back ..... to keep it away from any chemicals, flames or equipment.
4. Remove or tie back any ..... or ..... that can hang down and touch chemicals, flames, or equipment. Roll up .....
5. Never wear open ..... or .....

**Lab Activities and Procedures**

1. Read all ..... for an experiment before beginning an activity. Carefully follow all written and oral instructions.
2. Never deviate from (not follow) the .....
3. Never perform ..... that are not assigned or authorized by your teacher. Never handle ..... unless you have permission.
4. Never perform lab activities without .....
5. Never ..... or ..... in the lab.

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6. Keep work areas ..... Bring only notebooks, procedures, and necessary materials to the work area. Everything else should be left at your ..... or ..... your table.

### Emergencies

1. Know the location of emergency ..... such as the fire extinguisher.
2. Know the location of the nearest ..... and whom to contact in an emergency.
3. Know the procedure for .....
4. Immediately notify your teacher if you get ..... or .....

### Lab Equipment

1. Always ..... lab equipment before using it.
2. Before picking up a heated container, hold the back of your hand near it. If you can feel the heat, it is too hot to handle.
3. Never put your ..... near the mouth of a container that holds chemicals. Never touch, taste, or smell a chemical unless you are instructed to do so.
4. Dispose of all chemicals as instructed. To avoid contamination, never return chemicals to their .....
5. Never use broken, chipped, or damaged .....
6. Never ..... or ..... from glassware.
7. Handle scalpels or other sharp instruments with extreme care. Never cut material toward you; always cut away from yourself.

### Cleanup

1. After an experiment has been completed, clean up your area and ..... any used .....
2. Dispose of waste materials as instructed by your teacher.
3. Wash ..... after every experiment.