Safety in the Laboratory.





LAB SAFETY REMINDERS

1



Always pay and listen to instructions.

2



Don't , or in the lab.

3



Always wear a , closed and when conducting an .

4



Act in the at all times.

5



Handle in the with care

6



Label properly.

7



After experiments all equipment carefully and always hands before leaving the lab.

8



Hair should always be before starting an experiment.

9



should always be of carefully.

LIVEWORKSHEETS

LABORATORY SAFETY

Science is exciting because it allows us to investigate the world around us. During practical activities, we may use chemicals , glass equipment, heat sources and electrical equipment. Following laboratory safety rules helps to protect **you, your classmates and your teacher** from injury . Everyone is responsible for working safely in the laboratory.

✅ To keep everyone safe, **always:**

- calmly—never .
- Listen carefully to instructions .
- Follow your teacher's directions at all times.
- Tie back long hair.
- Bags are always to left outside of the science laboratory.
- Report spills, broken equipment or accidents immediately.
- Handle equipment carefully.
- Always wash your hands after practical work if instructed.

❌ **Never:**

- Eat or drink in the laboratory.
- Taste chemicals.
- Smell chemicals directly (only smell if instructed using the wafting technique).
- Touch equipment without permission.
- Play, joke around or distract others during practical work.

LIVEWORKSHEETS

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Personal Protective Equipment (PPE) is safety equipment worn to reduce the risk of injury during practical work. Common PPE includes:

- 🥽 **Safety glasses** – protect your eyes from chemicals , dust and flying particles.
- 🥼 **Lab apron or lab coat** – protects your clothing and skin from spills.
- 🧤 **Gloves** – protect your hands from some chemicals or hot objects
- 👟 **Closed-in shoes** – protect your feet from spills and broken glass .

Always wear the PPE when conducting an experiment in the science laboratory.

PPE stands for

SAFETY EQUIPMENT

Your laboratory contains equipment designed to keep everyone safe.

- 🚿 **Eye wash** – rinses chemicals from your eyes.
- 🚰 **Sink** – used for washing equipment and cleaning up.
- 🔥 **Fire blanket** – helps put out small fires or protect someone if their clothing catches fire.
- 🧯 **Fire extinguisher** – used by trained adults to put out certain fires.
- 🚨 **Emergency exits** – used if the laboratory needs to be evacuated .
- 🔥 **Gas taps** – provide gas for Bunsen burners and should only be touched or used when instructed by a teacher.

You should know where this equipment is located before beginning practical work

LIVEWORKSHEETS