Activity 1.1
Laboratory Safety

Aims

- To recall and identify hazard symbols
- To identify the dos and don'ts in the laboratory

1. Many substances in the laboratory are hazardous. For such substances, hazard symbols are shown on the container. Draw lines to match the symbols below with the nature of the hazard.

Symbol	Hazard
	Flammable The substance catches fire easily.
	Corrosive The substance corrodes (eats away) other substances.
	Explosive The substance reacts violently when heated or struck.
	Toxic The substance is harmful in small doses.
	Biohazardous A poisonous substance of biological nature.
	Irritant The substance produces vapours or fumes that irritate the eyes, nose and throat.
	Radioactive The substance emits harmful radiation.

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2. The following are some dos and don'ts in the science laboratory.
For each picture shown, indicate in the box given a tick (✓) if it is a 'do' and a cross (✱) if it is a 'don't'.

Play or run around in the laboratory.

Store, prepare or consume food and drink in the laboratory.

Tamper with electrical sockets.

Wash your hands thoroughly after all practical work.

Wear safety goggles when mixing, heating or handling chemicals.

Familiarise yourself with the standard evacuation procedure.

Pour solid waste and corrosive liquids into the sink.

Point the mouth of the test tube towards another person when heating substances.

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