

QUICK LINKS TO TECHNICAL RESOURCES:

General Technical Resources:

[List of recommended chemicals for science in Australian schools*](#)

[Risk Assessment Template](#)

[School science suppliers*](#)

*Please ensure that you are accessing the latest version

ASSIST information sheets (AIS) and Standard Operating Procedures (SOPs)

Customisable risk assessments are now available for all SOPs

AISs

General

1. [AIS: Asbestos minerals in schools](#)
2. [AIS: Footwear in a school science laboratory](#)
3. [AIS: Guidelines for ordering, distribution and return of equipment for practical activities](#)
4. [AIS: Lab glass and porcelain disposal](#)
5. [AIS: Labels for school science chemicals](#)
6. [AIS: Recirculating fume cabinets](#)
7. [AIS: Risk Management and risk assessment](#)
8. [AIS: School science area security](#)
9. [AIS: School science laboratory gas fitting requirements](#)
10. [AIS: Sterilising agar](#)
11. [AIS: Use of stepladders in school science areas](#)

Links—State Publications

1. [AIS: Links — ACT Publications](#)
2. [AIS: Links — NSW Publications](#)
3. [AIS: Links — NT Publications](#)
4. [AIS: Links — QLD Publications](#)
5. [AIS: Links — SA Publications](#)
6. [AIS: Links — TAS Publications](#)
7. [AIS: Links — VIC Publications](#)
8. [AIS: Links — WA Publications](#)

Links—General information

1. [AIS: Links — Licensing requirements](#)
2. [AIS: Links — Risk assessment and hazard management](#)
3. [AIS: Links — Support for school science](#)
4. [AIS: Links — Workplace Health and Safety \(WHS\)](#)

Links—Subject areas

1. [AIS: Links — Biological sciences safety](#)
2. [AIS: Links — Chemical sciences safety](#)
3. [AIS: Links — Physical sciences safety](#)

SOPs

Chemical

1. [SOP: Demonstrating the flame test using a PET bottle](#)
2. [SOP: Demonstrating the reaction of alkali metals lithium and sodium with water](#)
3. [SOP: Diluting concentrated acetic acid](#)
4. [SOP: Diluting concentrated hydrochloric acid](#)
5. [SOP: Diluting concentrated nitric acid](#)
6. [SOP: Diluting concentrated sulphuric acid](#)
7. [SOP: Handling dry ice](#)
8. [SOP: Preparing sodium hydroxide solutions](#)
9. [SOP: The Thermite Reaction](#)

Biological Sciences

1. [SOP - Performing a rat dissection](#)
2. [SOP: Performing a heart dissection](#)
3. [SOP: Performing a kidney dissection.](#)
4. [SOP: Performing a lung dissection](#)
5. [SOP: Performing an eye dissection](#)
6. [SOP: Physarum polycephalum \(slime mould\) care and use](#)
7. [SOP: Preparing agar plates](#)
8. [SOP: Use and care of the compound light microscope](#)

Physical Sciences

1. [SOP: Demonstrating the Van de Graaff generator](#)
2. [SOP: Handling sealed radioactive sources](#)
3. [SOP: Use of lasers in schools Parts 1,2 and 3](#)

General

1. [SOP: Fire blankets](#)
2. [SOP: Fire extinguishers](#)
3. [SOP: Gas cylinders in school science areas](#)
4. [SOP: Operating a pressure cooker and autoclave](#)