QUICK LINKS TO TECHNICAL RESOURCES:

General Technical Resources:

Chemical Management Handbook for Australian Schools - Edition 1*
GUIDELINES for best practice for microbiology in Australian schools
GUIDELINES for the design and planning of secondary school science facilities in Australian schools
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
Note: highlighted resources have been posted since October 2016

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 brain dissection
2. SOP: Performing a chicken wing dissection
3. SOP: Performing a heart dissection
4. SOP: Performing a kidney dissection.
5. SOP: Performing a lung dissection
6. SOP: Performing a rat dissection
7. SOP: Performing an eye dissection
8. SOP: Physarum polycephalum (slime mould) care and use
9. SOP: Preparing agar plates
10. SOP: Preparing animal and plant cell slides
11. 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

AISs

General

1. AIS: Asbestos minerals in schools
2. AIS: Decontaminating microbiological equipment
3. AIS: Footwear in a school science laboratory
4. AIS: Guidelines for ordering, distribution and return of equipment for practical activities
5. AIS: Lab glass and porcelain disposal
6. AIS: Labels for school science chemicals
7. AIS: Latex allergies in schools
8. AIS: Portable Bunsen burners
9. AIS: Preparing sterile equipment for microbiology
10. AIS: Recirculating fume cabinets
11. AIS: Risk Management and risk assessment

12. AIS: Safe handling and use of potting mix
13. AIS: School science area security
14. AIS: School science laboratory gas fitting requirements
15. AIS: Sterilising agar
16. 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