

Safety advice

Year 3, unit 1: Transfer of heat

Conducting activities involving heat and hot water

- Prior to allowing students to handle warm water, ensure it is tested with a thermometer and is less than 45 °C.
- Teachers or supervising adults should only handle water above 45 °C during the jelly disaster investigation.
- Measure the temperature of the water (it must be below 50 °C) before allowing students to transfer the jelly mixture to the plastic cups.
- Ensure students wear personal protective equipment, such as closed-in shoes, during investigations to protect them from spills.
- Do not allow students to handle household appliances that contain heat when turned on, for example kettles, irons, hair straighteners.
- Unplug all appliances used as examples prior to students handling them.
- Do not allow students to handle open flames.

Conducting activities outdoors

- Ensure students wear sun-protective hats, clothing and sunscreen when conducting activities outdoors.
- Consult the sun-safety guidelines for your school or organisation.
- Monitor students while they carry out explorations for living things – remind students not to taste or ingest materials.
- Inform students not to touch animals during activities outdoors.
- Carry a first aid kit for instances of insect bites or stings when working in the field.
- Conduct appropriate risk management prior to implementing outdoor activities.

Risk management guidelines for schools

The following state and territory education department websites are useful for risk management information.

NSW

[‘Guidelines for the safe conduct of sport and physical activity in schools’](#), NSW

Department of Education and Training website (PDF, 1.6 MB)

https://www.det.nsw.edu.au/policies/student_serv/student_welfare/safe_sport/pd02_12_safe_sport.pdf (1999)

[‘Excursions policy’](#), NSW Department of Education and Training website

https://www.det.nsw.edu.au/policies/student_admin/excursions/excursion_pol/PD20040010.shtml (28 May 2009)

NT

'[Occupational health and safety manual: science guidelines](#)', NT Department of Education and Training website (PDF, 389 KB)
http://www.det.nt.gov.au/_data/assets/pdf_file/0010/4105/ScienceGuidelines.pdf
(November 2008)

Qld.

'[Curriculum activity risk assessment template](#)', Qld. Department of Education and Training website (PDF, 400 KB)
<http://education.qld.gov.au/schools/eppr/health/hlspr012/assess.pdf> (no date)

SA

'[Risk management policy](#)', SA Department of Education and Child Development website (PDF, 59.9 KB)
<http://www.decd.sa.gov.au/docs/documents/1/DecdRiskManagementPolicy.pdf>
(2013)

Tas.

'[Risk management](#)' Tas. Department of Education website (PDF, 253 KB)
<https://www.education.tas.gov.au/documentcentre/Documents/Risk-Management.pdf>
(July 2012)

Vic.

'[School policy and advisory guide: risk management](#)', Vic. Department of Education and Early Childhood Development website
<http://www.education.vic.gov.au/school/principals/spag/governance/pages/risk.aspx>
(20 March 2013)

WA

'[Outdoor education and recreation activities policy](#)' WA Department of Education and Training website <http://det.wa.edu.au/policies/detcms/policy-planning-and-accountability/policies-framework/policies/outdoor-education-and-recreation-activities.en?oid=au.edu.wa.det.cms.contenttypes.Policy-id-11630350> (10 March 2008)