

## Curriculum activity risk assessment

## Spray Painting

clever • skilled • creative

## Activity scope

This document relates to student participation in Spray Painting as a curriculum activity.

Spray painting refers to the process of applying a protective and/or decorative coating to a variety of material surfaces using a variety of liquid finishes and matched solvents and using compressed air as a propellant.

Spray painting activities may need to be tailored to the particular requirements of students, the physical environment and facilities which are present.



## Risk level

The actual risk level will vary according to the specific circumstances of the activity and these **must** be considered when assessing the inherent risk level and planning the activity.

As a starting point, ask the following questions:

- What students will be involved?
- What will the students be doing?
- What will the students be using?
- Where will the students be?
- Who will be leading the activity?

Inherent risk level		Action required / approval	
<input type="checkbox"/>	Low	Using aerosol spray cans	<input checked="" type="checkbox"/> Manage through regular planning processes.
<input type="checkbox"/>	Medium	Spraying with the use of a hand gun and air-compressor equipment; using an air brush and air compressor equipment and airless spray guns	<input checked="" type="checkbox"/> Record controls in your planning documents and/or complete this <i>Curriculum Activity Risk Assessment</i> . <input checked="" type="checkbox"/> Consider obtaining parental permission.

Teachers/leaders:

Activity description:

Start date:

Finish date:

No of students (approx.):

Class groups:

Supervision ratio (approx.):

Listed below are the minimum recommendations for this type of activity. For any items ticked 'No', provide further information regarding the additional or alternate controls to be implemented for the safe conduct of the activity.

## Minimum supervision

Adequate adult supervision is to be provided. In determining what is adequate, consider the number of students, their individual needs, and the nature of the activity. If an adult other than a registered teacher is engaged for instruction, a teacher should be present to take overall responsibility. [Blue Card](#) requirements **must** be adhered to.

- Registered teacher with qualifications listed below  
**OR**  
 An adult with minimum qualifications as outlined below, in the presence of a registered teacher

Further information:

## Minimum qualifications

*The qualifications listed in this section are minimums for each type of situation.* Leaders are encouraged to seek training to raise their qualification level above the minimum listed.

- Current first aid qualifications including Cardio Pulmonary Resuscitation (CPR) or ready access to first aid facilities, including qualified personnel.  
 [Blue Card](#) requirements met

**Low** — Using aerosol spray cans

**For a registered teacher:**

- Experience (previous involvement) in using this type of equipment or similar equipment  
**OR**

**For a leader other than a registered teacher:**

- An adult with the relevant qualifications in spray painting, if a teacher with experience is not available

**Medium** — Spraying with the use of a hand gun and air-compressor equipment; using an air brush and air compressor equipment and airless spray guns

**For a registered teacher:**

- Competence (demonstrated ability) in using this type of equipment or similar equipment  
**OR**

**For a leader other than a registered teacher:**

- An adult with competence (demonstrated ability) in using this type of equipment or similar equipment, when a teacher as described is not available

A teacher could demonstrate their competency through their:

- knowledge of the activity and the associated hazards and risks  
 experience (i.e. previous involvement) in undertaking the activity  
 demonstrated ability and/or expertise to undertake the activity  
 possession of qualifications related to the activity.

Further information:

Minimum equipment/facilities <i>If 'No' is ticked, provide further information.</i>	Yes	No
First aid kit suitable for activity	<input type="checkbox"/>	<input type="checkbox"/>
Communication system: <input type="checkbox"/> phone-line at location <input type="checkbox"/> mobile phone <input type="checkbox"/> walkie talkies/UHF radio <input type="checkbox"/> student/adult messenger Other:		
Maintenance and service of equipment to manufacturer's specifications; access to the equipment maintenance registers	<input type="checkbox"/>	<input type="checkbox"/>
Drinking water (students should not share drinking containers)	<input type="checkbox"/>	<input type="checkbox"/>
All spray painting should occur in a well ventilated area with adequate exhaust systems and lighting. In the case of aerosol painting it may be conducted outside.	<input type="checkbox"/>	<input type="checkbox"/>
Material safety data sheets (MSDS) for all hazardous substances; Ensure each MSDS is less than five years old.	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>
Suitable spray booth for medium risk spray painting	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate fire extinguisher	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate respiratory protection equipment	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate storage of paint and solvents in approved cabinets	<input type="checkbox"/>	<input type="checkbox"/>
Sun safety equipment (hat, sunscreen, shirt etc)	<input type="checkbox"/>	<input type="checkbox"/>
Further information:		

## Hazards and suggested control measures

All persons engaging in this activity should:

- identify the hazards, including any additional hazards not mentioned here
- assess their significance
- manage the potential risks.

Listed below are indicative hazards/risks and suggested control measures. They are by no means exhaustive lists. After checking these, add details of any other identified hazards/risks and additional controls you intend to implement.

Hazards/risks	Control measures	Yes	No	Implementation plan / Additional controls
<b>Compressed Air</b>	<ul style="list-style-type: none"> <li>• Complete the Curriculum Activity Risk Assessment <a href="#">Compressed Air Equipment</a>.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	





Hazards/risks	Control measures	Yes	No	Implementation plan / Additional controls
<b>Tools, plant or equipment</b> <ul style="list-style-type: none"> <li>• Storage</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure that aerosol paints are stored and supervised in such a way that students cannot deliberately misuse or inhale them.</li> <li>• Ensure that students are not given the responsibility of disposing of pressure-pack cans.</li> <li>• Ensure that the nozzles of aerosol cans or spray guns are directed away from the user and other students.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

### Additional control measures

*These would relate to the specific student needs, location and conditions in which you are conducting your activity.*

Hazards/Risks	Control Measures

**Submitted by:**

**Date:**

List the names of those who were involved in the preparation of this risk assessment.

Approval	
<input type="checkbox"/>	Approved as submitted:
<input type="checkbox"/>	Approved with the following condition(s):
<input type="checkbox"/>	Not approved for the following reasons(s):
By:	Designation:
Signed:	Date:
Once approved, activity details should be entered into the <i>School Curriculum Activity Register</i> by administrative staff.	Reference no.

<b>Monitor and review</b> <i>To be completed during and/or after the activity and/or at the completion of the series of activities.</i>	Yes	No
Are the control measures still effective?	<input type="checkbox"/>	<input type="checkbox"/>
Have there been any changes?	<input type="checkbox"/>	<input type="checkbox"/>
Are further actions required?	<input type="checkbox"/>	<input type="checkbox"/>
Details:		

## Important links

- HLS-PR-003: First Aid  
<http://education.qld.gov.au/strategic/eppr/health/hlspr003/>
- HLS-PR-004: Infection Control and Management of Prescribed Contagious Conditions  
<http://education.qld.gov.au/strategic/eppr/health/hlspr004/>
- HLS-PR-005: Health and Safety Incident Reporting and Notification  
<http://education.qld.gov.au/strategic/eppr/health/hlspr005/>
- SCM-PR-002: School Excursions  
<http://education.qld.gov.au/strategic/eppr/schools/scmpr002/>
- HLS-PR-013: Developing a Sun Safety Strategy  
<http://education.qld.gov.au/strategic/eppr/health/hlspr013/>
- HRM-PR-010: Working with Children Check – Blue Cards  
<http://education.qld.gov.au/strategic/eppr/hr/hrmpr010/>
- HLS-PR-006: Managing Occupational Risks with Chemicals  
<http://education.qld.gov.au/strategic/eppr/health/hlspr006/hs16.pdf>
- Infection Control Guideline:  
[http://education.qld.gov.au/health/pdfs/healthsafety/infection\\_control\\_guideline.pdf](http://education.qld.gov.au/health/pdfs/healthsafety/infection_control_guideline.pdf)
- Standard Operating Procedures for Education Queensland sites  
<http://education.qld.gov.au/health/safety/hazards/equip-resources.html#sop>
- Hearing Protection Fact Sheet  
<http://education.qld.gov.au/health/pdfs/healthsafety/hearing-protection-factsheet.pdf>
- 2004 Noise Code of Practice  
[http://www.deir.qld.gov.au/workplace/resources/pdfs/noise\\_code2004.pdf](http://www.deir.qld.gov.au/workplace/resources/pdfs/noise_code2004.pdf)
- Managing a Practical ITD Workspace  
<http://education.qld.gov.au/strategic/eppr/health/hlspr012/resources/pracitdworkspace.pdf>

### Further information

For further information on incorporating risk management strategies into curriculum activity planning refer to [HLS-PR-012 Managing Risks in Curriculum Activities](#) and the associated list of [Curriculum Activity Risk Assessment Guidelines](#). (See: <http://education.qld.gov.au/strategic/eppr/health/hlspr012/index1.html>)

For further support with risk management training and advice, contact trained staff in schools such as Workplace Health and Safety Officers (WHSOs) and Workplace Health and Safety Representatives (WHSRs), and regional staff such as Senior Health and Safety Consultants.

**Uncontrolled copy.** Refer to *HLS-PR-012: Curriculum Activity Risk Management* at <http://education.qld.gov.au/strategic/eppr/health/hlspr012/> for master.