

Brisbane Urban Environmental Education Centre

Curriculum Activity Risk Assessment

Activity Details

| CARA Creation Date: 12-Mar-2021 | | | |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------|
| Activity: | Other | Activity Name: | Year 6 - Power Up, Power Down |
| Guidelines: | https://education.qld.gov.au/curriculum/school-curriculum/CARA/activity-guidelines | | |
| Activity Description: | Students will: <ul style="list-style-type: none"> - Investigate energy transformations. - Create simple circuits. - Conduct a series of experiments around the production and consumption of energy. - Consider alternative forms of energy and energy efficiency. | | |
| Inherent Risk Level: | Low | | |
| Inherent Risk Level Description: | Little chance of incident or serious injury | | |
| Start Date: | Wednesday, 27 January, 2021 | End Date: | Friday, 10 December, 2021 |
| On School Grounds: | No | Is parental permission required for this activity? | Yes |

Mandatory/Special Requirements

Provide information about mandatory/special requirements for each activity that is to occur in the Other Details box below.

Check if relevant Codes of Practice/[CARA activity guidelines](#) exist for each activity and ensure the minimum requirements are met.

The safety and wellbeing of the whole group is to be considered at all times.

Risk Management Details

Supervision Requirements

Provide information about supervision for each activity that is to occur in the Other Details box below.

Check if relevant Codes of Practice/[CARA activity guidelines](#) exist for each activity and ensure the minimum supervision requirements are met.

Minimum 3 staff required for a group of 30 students (2 BUEEC staff + 1 client school teacher). Teacher aides and adult helpers are welcome to provide additional supervision and support.

Qualification Requirements

Provide information about the leader/supervisor's relevant qualification and/or competence for each activity that is to occur in the Other Details box below.

Check if relevant Codes of Practice/[CARA activity guidelines](#) exist for each activity and ensure the minimum qualification requirements are met.

Registered teacher with minimum qualifications and experience as required by the nature of the activities.

All BUEEC staff hold current First Aid and CPR qualifications.

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Equipment/Facility Requirements

Provide information about equipment/facilities for each activity that is to occur in the Other Details box below.

Check if relevant Codes of Practice/[CARA activity guidelines](#) exist for each activity and ensure the minimum equipment/facility requirements are met.

Client students/teachers are advised prior to the excursion to bring sun safety equipment and bottled drinking water.

Client schools are required to bring a first aid kit which meets the needs of that school in relation to the specific requirements of individual students and accompanying adults, as well as the variation to routine approval process of the school.

BUEEC staff will discuss equipment (e.g cameras, laptops, iPads etc) prior to use, outlining correct procedures and safety requirements.

Hazards and Control Measures

Provide information about the identified risks and planned control measures for each activity that is to occur in the Other Details box below.

Check if relevant Codes of Practice/[CARA activity guidelines](#) exist for each activity. Information on managing common hazards and risks in the school environment can be found at [Hazards and Risks](#).

Part of this program takes place outside of a classroom. Students should bring along adequate sun protection, a hat and water bottle. Students will be monitored by BUEEC staff for fatigue and establish rest, food and water stops are timetabled into the excursion.

Students are instructed not to go behind the display tables or look directly at bulbs.

Use of the laser thermometer is strictly monitored by centre staff.

BUEEC staff will assess the appropriateness of weather conditions before and during the activity.

BUEEC staff will not allow students to climb trees, constantly monitor surroundings for slip, trip and fall hazards, and ensure that everyone wears appropriate footwear at all times.

BUEEC staff will have a basic first aid kit suited to area in which the excursion occurs.

The client school will provide class lists and advise BUEEC staff of medical information and individual behaviour/learning considerations prior to the excursion.

Client teachers with pre-existing medical condition are to advise BUEEC staff of procedures in the event of an incident. These are to be advised on the pre-visit form prior to the excursion.

Students with open cuts and abrasions are to be removed from the activity and treated immediately. If bleeding cannot be controlled completely, the participant should not be allowed to return to the activity. All clothing, equipment and surfaces contaminated by blood should be treated as potentially infectious.

BUEEC staff will support client teachers in implementing the school's behaviour management strategies and plans as required. The BUEEC Student Code of Conduct will be adhered to throughout the program.

BUEEC staff will discuss safety procedures and expectations at the commencement of the activity with client staff/students.

BUEEC staff will monitor students for safe movement around the activity area and during activities.

Client schools are requested to advise of any students with family law concerns.

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| Staff/Other Participants | | | |
|--------------------------|------------|--------------|-------------------------|
| Family Name | Given Name | Type | Other Participants Role |
| Brown | Lachlan | Staff Member | N/A |
| Brown | Laura | Staff Member | N/A |
| Davis | Melanie | Staff Member | N/A |
| Devaney | Mark | Staff Member | N/A |
| Jensen | Jennifer | Staff Member | N/A |
| Maher | Donna | Staff Member | N/A |

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Planning Considerations

Which students will be involved?

- Consider the number of students, size of student groups and students' capabilities e.g. age, experience, competence, fitness, maturity.
- Consider any individual student needs e.g. personalised learning, support provisions (including behaviour support plans), health management (including health plans and prescribed medication requirements).

Where will the students be?

- Consider the location of the activity e.g. remote/easily accessible, public /private, school/classroom/workshop/other.
- Is the number of students appropriate for the available space?
- If outdoors – sunsafe strategies are implemented; weather and environmental conditions are assessed before and during activity (e.g. temperature, storms, water currents, tides); and strategies to reduce the likelihood of viruses, allergies and skin infections caused by insects (e.g. ticks, mosquitoes, spiders) and other animals are applied.
- The site is checked for hazards (e.g. poisonous plants, dangerous animals, uneven terrain, barbed wire,) and necessary controls implemented.
- Activities are appropriately situated in relation to buildings, pedestrians, members of the public, vehicles and other activities e.g. designated areas for activity, spectators and vehicles are established.

What will the students be doing?

- Consider the nature and duration of the activity i.e. need for drinking water, food, rest, appropriate clothing, warm-up and warm-down.
- Instruction in rules and pre-requisite skills is provided.
- Student skills are developed in a progressive and sequential manner.
- First aid and emergency medical treatment provisions are appropriate for the type of activity and location e.g. first aid kit, first aid trained personnel, Ventolin®, Epipen®, and students' personal prescribed medications as required in health plans are available.
- Emergency response strategies are in place e.g. communication plans (e.g. mobile phone, walkie talkie), safety induction, evacuation plans.
- Hair, clothing, footwear and jewellery are worn in a manner that is appropriate and safe for the activity.
- Personal items, e.g. drink bottles, towels and mouthguards, will not be shared between students.

What will the students be using?

- Instruction in safety procedures and safe handling of equipment is provided.
- Equipment is suitable for the activity, properly maintained, appropriately used and complies with the relevant safety standard.
- [Relevant department procedures and guidelines](#) are adhered to for the use of equipment and work processes.

Who will be leading the activity?

- A registered teacher has overall responsibility for the activity.
- Sufficient adult supervision is in place to manage the activity safely (including in emergency situations).
- The activity leader has the competence (knowledge and skills) to plan, induct, instruct and manage the activity safely for students and others.
- There are sufficient adults present with current First Aid qualifications (including CPR) or ready access to qualified first aid personnel.
- Blue Card requirements are adhered to for leaders/volunteers.

I have incorporated the above factors when planning my risk management strategies for this activity.

Additional activity-specific requirements for students with specialised learning needs are provided in the Other Details box below.

Individual student needs e.g. personalised learning, support provisions (including behaviour support plans), health management (including health plans and prescribed medication requirements) will be identified, considered and any modifications put in place prior to the commencement of the program.