

# Tinaroo Environmental Education Centre

## Curriculum Activity Risk Assessment

### Activity Details

CARA Creation Date: 26-Nov-2019			
Activity:	<b>Fishing and Bait Gathering</b>		
Activity Scope:	This guideline relates to student participation in bait gathering using lines, nets, pumps or similar devices, catching fish using lines (angling), and the use of approved crab and crayfish apparatus, cast nets and/or drag nets, as a curriculum activity.		
Guidelines:	<a href="https://education.qld.gov.au/curriculum/school-curriculum/CARA/activity-guidelines">https://education.qld.gov.au/curriculum/school-curriculum/CARA/activity-guidelines</a>		
Activity Description:	Line and Dragnet Fishing		
Inherent Risk Level:	Medium		
Inherent Risk Level Description:	Medium risk fishing locations and equipment (e.g. fishing on a jetty, fishing with single hooks, use of bait nets).		
Start Date:	Wednesday, 01 January, 2020	End Date:	Thursday, 31 December, 2020
On School Grounds:	No	Is parental permission required for this activity?	Yes

### Mandatory/Special Requirements

<p>Rock fishing (fishing from rocky outcrops into the sea) is not a permitted curriculum activity.</p> <p>All permits, rules and regulatory requirements must be adhered to and catches are to be within legal requirements. Refer to the Department of Agriculture and Fisheries (DAF) <a href="#">recreational fishing rules and regulations</a> for further information. Some areas (e.g. parts of Moreton Bay) are closed to recreational bait gathering. Teachers should consult appropriate documents such as zoning plans produced by DAF or other relevant authorities.</p> <p><a href="#">Great Barrier reef zoning requirements</a> must be adhered to.</p> <p>Guidelines that are relevant to this activity have been established. Refer to <a href="#">Managing Risks in Recreational Water</a>.</p> <p>A <a href="#">Handling living marine organisms</a> CARA must be completed for this activity. Other risk assessments may also be required. Refer to <a href="#">Power boating in small craft</a> activity guideline and <a href="#">Power boating in large craft</a> activity guideline.</p> <p>Stings and bites by stonefish, irukandji and other dangerous marine animals can be fatal. Please seek information on dangerous marine animals for the specific location prior to the activity commencing.</p>	
I have incorporated the above factors when planning my risk management strategies for this activity.	<input checked="" type="checkbox"/>
<p>Application to Animal Ethics to use animals for scientific purposes submitted to QSAEC every 3 years. Current approvals: 07/CR/05/2016/102/3583 and 07A/05/2016/102/3583 relate to this activity.</p> <p>Detailed risk management guidelines for this activity are outlined in the Tinaroo EEC Standard Operating Procedures for Sustainable Fishing</p>	

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### Risk Management Details

Supervision Requirements	
The swimming capability of all participants has been considered and extra supervision for non-swimmers has been allocated if required.	<input checked="" type="checkbox"/>
At least one adult must be ready to enter the water at all times to assist a student. At no time should an adult leader rely solely on students to effect the recovery of a swimmer in difficulty.	<input checked="" type="checkbox"/>
All instructors are Tinaroo EEC teachers who have been assessed as competent to lead the sessions. Teachers need to be confident that adult supervisors have sufficient skills to supervise this activity safely.	

Qualification Requirements	
An adult with competence (knowledge and skills) in the teaching of fishing and/or bait gathering, and the ability to implement safety procedures and rescue a student from the water.	<input checked="" type="checkbox"/>
Parents need a stocked impoundment licence to be able to fish in Tinaroo Dam , children under 18 are exempt. Refer to <a href="https://www.qld.gov.au/recreation/activities/boating-fishing/rec-fishing/dams/">https://www.qld.gov.au/recreation/activities/boating-fishing/rec-fishing/dams/</a>	

Equipment/Facility Requirements	
Appropriate lighting/illumination if the activity is performed at night.	<input checked="" type="checkbox"/>
Permission and/or relevant permits from landowners and land-management agencies to enter their property.	<input checked="" type="checkbox"/>
Enclosed footwear (thick soles where there is a possibility of stonefish).	<input checked="" type="checkbox"/>
Appropriate clothing and sun protection for all weather conditions.	<input checked="" type="checkbox"/>
Fishing equipment that meets the requirements set out by the <a href="#">Department of Agriculture and Fisheries</a> .	<input checked="" type="checkbox"/>
Appropriate personal protective equipment. Refer to the <a href="#">Handling living marine organisms</a> activity guideline.	<input checked="" type="checkbox"/>
Lifejackets as outlined by <a href="#">Maritime Safety Queensland</a> .	<input type="checkbox"/>
Detailed risk management guidelines for this activity are outlined in the Tinaroo EEC Standard Operating Procedures for Sustainable Fishing	

Hazards and Control Measures	
<b>Biological material</b>	
Check with the local authority (e.g. council) for the presence of water contaminants (e.g. blue-green algae) and other dangers (e.g. stonefish, blue-ring octopus, crocodiles).	<input checked="" type="checkbox"/>

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Adhere to established hand hygiene practices outlined in the <a href="#">Infection Control Guideline</a> (e.g. hands and nails should be washed thoroughly with warm running water and liquid soap, and then dried thoroughly using a single use towel or disposable paper towel), particularly when eating food after handling bait.	<input checked="" type="checkbox"/>
<b>Environmental conditions</b>	
Assess weather conditions ( <a href="#">Bureau of Meteorology</a> ) and obtain advice from the local authority (e.g. lifeguards, surf club members, fishing club) about local conditions and potential hazards.	<input checked="" type="checkbox"/>
Cease activities when conditions become unfavourable or beaches are closed to the public.	<input checked="" type="checkbox"/>
Check jetties for tripping hazards such as loose boards and protruding nails.	<input type="checkbox"/>
Check the area for sharp oysters and barnacles and advise students of any potential hazards.	<input checked="" type="checkbox"/>
<b>Equipment</b>	
Use flattened barbs on hooks to reduce the risk of injury.	<input checked="" type="checkbox"/>
Provide instruction in: <ul style="list-style-type: none"> <li>the safe handling of hooks and fishing knives</li> <li>safe casting of handlines and fishing rods (e.g. ensure students are aware of their proximity to others)</li> <li>safe storage of fishing equipment whilst traveling to and from the fishing location</li> <li>how to remove a hooked fish safely (using different types of hooks and lures).</li> </ul>	<input checked="" type="checkbox"/>
<b>Physical exertion</b>	
Continuously monitor students for signs of fatigue and exhaustion, particularly if wading in deep water while dragging a bait net.	<input checked="" type="checkbox"/>
<b>Student considerations</b>	
Ensure participants are adequately spaced.	<input checked="" type="checkbox"/>
Ensure systems are in place to monitor student numbers.	<input checked="" type="checkbox"/>
<b>Vehicles</b>	
Constantly monitor surroundings for presence of vehicles (e.g. boats, cars).	<input checked="" type="checkbox"/>
<b>Waste disposal / spill clean up</b>	
Ensure all remains of fish, unwanted bait and other marine life are disposed of appropriately, in order not to cause a hazard in the future.	<input checked="" type="checkbox"/>
Ensure any broken, damaged or unwanted fishing tackle, including line, is disposed of responsibly.	<input checked="" type="checkbox"/>
<b>Water - still / moving</b>	
Establish and practise a set of simple signals for use when assistance is required.	<input checked="" type="checkbox"/>

### Staff/Other Participants

Family Name	Given Name	Type	Other Participants Role
Crosby	Bret	Staff Member	N/A
Dilger	Darryl	Staff Member	N/A
Fulford	Hal	Staff Member	N/A
Harrison	Philip	Staff Member	N/A

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Holcroft	Kimberley	Staff Member	N/A
Lazaredes	Louka	Staff Member	N/A
MacGregor	Peter	Staff Member	N/A
Marsh	Matthew	Staff Member	N/A
Watson	Dayna	Staff Member	N/A

### 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.

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<input checked="" type="checkbox"/> I have incorporated the above factors when planning my risk management strategies for this activity.
<input checked="" type="checkbox"/> Additional activity-specific requirements for students with specialised learning needs are provided in the Other Details box below.
Additional equipment and TEEC staff are occasionally employed with students with special needs. The exact modifications to this activity are dependant on the precise requirements of the student concerned.

### Monitor and Review

Informal review with students after each activity session.
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