

Raft Building Activity Plan

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1 OUTCOMES

- Develop teamwork, communication and cooperation through building a raft
- Correctly tie the following knots – *clove hitch, square lashing, reef knot and truckie's hitch*.
- Experiment and trial several methods in the construction of a raft (time permitting)
- Demonstrate the correct fitting of a life jacket
- Launch, propel and moor a raft
- Take responsibility for team and individual safety

2 ACTIVITY

2.1 OUTLINE

Raft Building is held at Mason Bay, approximately 300 metres from the Dining Hall of both Farm Camp and Lake Camp. A session can run from 1.5 - 2.5 hours in length. Each session will include the elements outline below and follow a similar format:

- The instructor will provide an outline of the raft building challenge and its aim. This will include varied detail on the following elements depending on the age group: team formation, materials and design.
- Students will be instructed on several knots (including their purpose) and be given time to practise these knots until they are mostly independent with them.
- Students are then given time to come up with a design and as a whole group to talk about the pros and cons of different ideas.
- Participants then work as a team to build the raft.
- Once complete, the correct fitting of life jackets will be demonstrated and students will be checked by the instructor.
- Paddles distributed between the team and quick technique and safety instructions given.
- The race or challenge will be outlined again before boundaries and whistle signals are highlighted.
- After the equipment has been packed away, the session will be wrapped up at Mason Bay or back at the campsite, before the students have showers or change clothes.

2.2 EQUIPMENT

All Camp Coolamatong instructors are familiar with the activity specific and safety equipment required for each activity. Each session the instructor will ensure:

- All equipment is set up, in working order and safe to use
- All first aid equipment is in working order and taken on the activity
- All communications are in working order, ample for use in an emergency and taken on the activity
- All participants, including school staff, have appropriate footwear and clothing
- All participants have been checked that their safety equipment is correctly fitted, and they know how to use it appropriately.

Paddles: Carbon fiber and aluminium shafts with plastic blades, of varying lengths.

Life Jackets: All life jackets are Type 2 Ultra Blade L50 in line with Australian Standards.

Wooden poles / ropes / pipes or barrels: All equipment used for building the raft is checked for cracks and frays, that it still floats and has no part that could injure a participant.

Instructor's Kit: Each instructor will carry a bag with them containing the following safety equipment:

- Whistle
- Mobile phone
- First Aid Kit

Participant Clothing: This will vary depending on the weather but needs to include the following:

- Clothes that can get wet (not just bathers)
- Enclosed shoes that will stay on in the water
- Clothing suitable for the weather conditions (e.g. hats for sunny days and polar fleece for the cold)
- Any glasses or sunglasses should be secured
- Valuable or sentimental jewellery should be removed

2.3 COMMUNICATION

Camp Coolamatong staff carry mobile phone communications with them on every activity and there is coverage throughout the campsite property. They will have communications in a waterproof dry bag with them at any time they are on the water and more than 50 metres from land. This activity is within 300 metres of the Dining Hall of either campsite in the event of communications failure.

2.4 FIRST AID

Camp Coolamatong instructors all hold current certification in *HLTAID009 Provide Cardiopulmonary Resuscitation* and *HLTAID011 Provide First Aid* as a minimum. They will carry a First Aid Kit with them on all activities. The school staff members, if they are appropriately qualified, will be the first port of call for administering first aid. Camp Coolamatong instructors will administer first aid when:

- it is an emergency situation,
- the school staff member is not trained and it cannot wait until the school's designated first aider can be found.

3 PEOPLE

3.1 ACTIVITY INSTRUCTOR

All Coolamatong activity staff hold a current First Aid qualification, CPR certification (see 2.4) and Working with Children's Check (WWCC).

There must be a minimum of two staff for this activity. One instructor will be provided by Camp Coolamatong. They will hold a current Bronze Medallion and have experience delivering the activity to industry standards. The second staff member will need to be provided by the school.

The minimum supervision will be at 2:20 (this includes the school staff member).

3.2 SCHOOL STAFF MEMBER REQUIREMENTS

Camp Coolamatong provides instructors who are trained in the delivery of each activity. They are able to facilitate a session in safe manner and instruct the students on the technical knowledge and skills they require to participate in the activity.

It is Camp Coolamatong and DET policy that the students must always have a school staff member present, whether this be a registered teacher or another approved school representative. The school staff member is responsible for student behavior, group management and the overall welfare of their students. The activity cannot commence if he/she is not present.

School staff members are encouraged to read this document and familiarise themselves with the activity and their responsibilities.

3.3 STUDENTS

School staff are responsible for getting informed consent from parents/guardians for all students who come on camp. It is also the responsibility of the school to inform Camp Coolamatong of any medical conditions or issues that will impact on the students participating in the activity

4 ENVIRONMENT

4.1 LOCATION

The Raft Building activity at Coolamatong is undertaken at Mason Bay on Lake Victoria. Due to the topography of the land, at no point during the Raft Building will students be more than 50 metres from shore. The long sand bar that comes out from the spit of land on the easterly shore provides a natural boundary and students can stand the whole way from shore to the sandbar. There will also be a kayak ready at the shore should the instructor need to render assistance.

4.2 WEATHER

Due to the nature of water activities the weather can seriously affect a session. Each session is assessed by the Program Manager prior to commencing, with participant skills, weather conditions and activity outcomes being taken into consideration. During the session, the Coolamatong instructor may also use their discretion to modify or finish a session early based on conditions changing.

Strong winds, wet and cold conditions and extreme temperatures may result in a session being cancelled or the activity modified in accordance with **Coolamatong's Adverse Environmental Conditions Policy**. In addition to this, the following local wind descriptors for Mason Bay should be taken into account.

South / South Easterly Winds: Area boundary is buffered by waves beyond 15 knots. Rafts will be pushed back towards the shore and in stronger winds it may be difficult to leave shore.

South / South Westerly Winds: Area boundary is buffered by waves beyond 15 knots. Rafts will be pushed back towards the shore and in stronger winds it may be difficult to leave shore.

North / North Easterly / North Westerly Winds: Area boundary is sheltered up to 25 knots. Beyond the sandbar and spit on the easterly side of the bay, wind will take the rafts further into the lakes. In winds stronger than 15 knots it is important to maintain the boundary line.

Easterly Winds: Area boundary sheltered up to 15 knots, winds beyond this will move rafts significantly towards the westerly shore of Mason Bay.

Westerly Winds: Area boundary is buffered by waves beyond 15 knots. Rafts will be pushed back towards the sandbar and spit. In winds stronger than 15 knots it is important to maintain the boundary line.

5 RISKS

5.1 RISK ASSESSMENT MATRIX

The following table outlines the specific risks associated with raft building and the existing controls that are in place to manage these risks. This risk assessment matrix is not all encompassing. There may still be risks associated with being in the outdoors doing adventure activities that have not been documented.

Risk Description	Existing Controls	Rating				Actions
		Effectiveness of existing controls	Risk Consequences	Risk Likelihood	Risk Rating	
Describe the risk event, cause/s and consequence/s	Describe any existing policy, procedure, practice or device that acts to minimise a particular risk					Extreme/High - Do not proceed Medium - Ongoing review Low - Only periodic review
Anaphylaxis	At start of camp briefing, teachers are required to give Coolamatong staff details of any allergies and anaphylaxis.	Satisfactory	Major	Unlikely	Medium	Ongoing review required
	School staff need to carry epipens on all activities with anaphylactic students and be trained how to administer them.					
	School staff liaise with Coolamatong kitchen staff at start of camp regarding students with allergies					
	School staff hand out morning and afternoon tea to ensure students with allergies are getting the right food.					
Bites & Stings: Insects (mosquitoes, ants, bees, wasps, scorpions)	Students are instructed to apply insect repellent before every activity session.	Satisfactory	Insignificant	Likely	Medium	Ongoing review required
	Students must wear closed toe shoes at all times around the campsite.					

Bites & Stings: snakes	Students must wear closed toe shoes at all times around the campsite.	Satisfactory	Major	Possible	High	Constant review required
	During orientation and before any activity that uses the bush students are briefed as to what to do if they see a snake.					
	When walking through the bush there should be a Coolamatong leader at the front.					
	When walking through the bush groups must stick to the defined and clear tracks					
	Students are not allowed in the bush in groups of less than three.					
Cold Exposure	Students are briefed on what is appropriate clothing to wear according to weather	Satisfactory	Minor	Likely	Medium	Ongoing review required
	In water activities students are advised to not get into the water until the end of the session					
	For all water activities, leaders carry spare jumpers & beanies					
	Students who show signs of being cold are taken back to camp for a <u>warm</u> shower and dry clothes.					
	If multiple students are cold, leaders have the option to terminate session early to ensure that students get warm and dry.					
	Adherence to the Adverse Environmental Conditions Policy in managing, modifying and cancelling activities due to extreme weather.					
Drowning	All life jackets are checked to be in working order before each session.	Satisfactory	Severe	Rare	Medium	Ongoing review required
	During water activities student are to wear life jackets that have been checked by a Coolamatong instructor to be properly fitted.					
	School identifies students who are poor swimmers to the Coolamatong instructor.					
	There is always 1 bronze medallion qualified to 20 participants.					
	Students are briefed on activity boundaries prior to entering the water					
	Whistle signals explained before entering water.					
	If free swimming, students each have a buddy who they cannot enter the water without.					
	When free swimming occurs, regular head checks are made by the Coolamatong instructor					
	Students are briefed on what to do if they fall off the raft.					
	If free swimming without life jackets, students are not allowed any deeper than their waist height.					

Falls & Trip Hazards	Students must wear closed toed shoes outside	Satisfactory	Insignificant - Minor	Likely	Medium	Ongoing review required
	Students are briefed on appropriate footwear for each activity					
	Debris is removed from all paths as seen. If object is not removable by hand then an alternative paths is sought					
	Bi-yearly Camp site hazard checks identify trip hazards to be addressed by maintenance work					
Heat Exposure: -dehydration -heat stroke -hyperthermia -sunburn	Students must bring water bottles to all activities. Spares are available for those who don't have one.	Satisfactory	Insignificant - Minor	Possible	Medium	Ongoing review required
	During hot weather (term 1 & 4) extra water is taken out to refill water bottles.					
	All students must wear hats, sunscreen and appropriate sun smart clothing (term 1 & 4)					
	Adherence to the Adverse Environmental Conditions Policy dealing with managing, modifying and cancelling activities due to extreme weather.					
Lost Student	Students must stay with their group at all times.	Satisfactory	Moderate	Unlikely	Medium	Ongoing review required
	When travelling between activities there should always be a Coolamatong leader at the front and a school staff member at the back.					
	Students are briefed on the activity boundaries.					
	When going on extended periods of travel the Coolamatong leader will ensure they have the entire group by stopping to group up and doing regular head counts.					
	Start of week briefing advises school staff that they need to provide group management and student supervision for all activities					
	Orientation briefing advises school staff that they need to manage students whereabouts during the free time periods of camp.					
Sprains and Strains	Technique coaching is given during the activities.	Satisfactory	Moderate	Unlikely	Medium	Ongoing review required
	School staff should be aware of any existing injuries and are asked (during the start of week briefing) to notify Coolamatong leaders if these affect a student involvement with an activity.					
Injury due to Lightning strike	Adherence to the Adverse Environmental Conditions Policy when managing, modifying and cancelling activities due to extreme weather	Satisfactory	Major - Severe	Rare	Medium	Ongoing review required

Illness due to presence of harmful algae in the water	Staff to advise participants on the suitability of water activities based on advice provided by Parks Victoria on water conditions during Algal blooms	Satisfactory	Moderate	Rare	Low	Periodic review required
Injury due to hit from equipment	Briefing to advise students no splashing with paddles, splash only using hands	Satisfactory	Minor	Unlikely	Low	Periodic review required
	Students briefed about always holding the T grip of the paddle					
	Students instructed not to stand up on the raft or to jump off					
	Students instructed to be careful and aware of their team mates while paddling, work together to ensure everyone stays on the raft.					
Graze/ laceration: feet cut in water	Closed toed shoes must be worn in water.	Satisfactory	Insignificant	Possible	Low	Periodic review required
	Students' shoes are checked for suitability prior to leaving the campsite and commencing the activity.					
	When holding onto jetties or buoys students are warned not to touch the barnacles.					

5.2 EMERGENCY MANAGEMENT

It is a requirement that all Coolamatong Instructors must carry a mobile phone with available reception to make calls on. They must also carry a first aid kit. All Coolamatong Instructors have, as a minimum, current certification in *HLTAID009 Provide Cardiopulmonary Resuscitation* and *HLTAID011 Provide First Aid*.

In the event of a medical emergency, the Coolamatong instructor or School Staff member at the site of the emergency should call 000 if needed and will begin coordinating the handling of the emergency. The most senior member of Coolamatong staff should be notified as soon as practicable, and they will step in to manage the situation as required.

Refer to Camp Coolamatong's Emergency Management Plan for further details about procedures and incident protocol in an emergency.