

RAMS (Risk Analysis Management) – Environmental Education.

Below is a list of potential hazards that you need to consider using our Environmental Education Kits – You can use these to assist with creating your Health & Safety plan. Choose which ones apply to your situation.

Health & Safety is the responsibility of the School using the kit – Horizons Regional Council will provide all the relevant instructions on equipment use prior to lending out the kit.

You will want to collate the following information for your RAMS form.

Date:

School / Class / Teacher:

Number of students:

Number of staff:

Site location / Name of road:

Site Details – any possible hazards:

Approved by:

Choose the appropriate hazards that apply to using the kit you have borrowed:

Hazard (A situation or thing with the potential to cause death, injury or illness)	Potential harm (What is the potential of this i.e injury)	Risk Rating (How serious is this?)	Prevention (What measures can be put in place to prevent this)
Behaviour	Incident, injury	Medium	<ul style="list-style-type: none"> • Ensure all students are briefed prior to using the kit • Provide adequate supervision when using any of the equipment in the kit

Existing medical conditions	Incident, injury, death	Medium	<ul style="list-style-type: none"> • collects medical conditions from students prior to any activity • Ensure all medication is available if heading out of school grounds • Ensure teacher has current first aid certificate • Ensure you are aware of your location i.e road and site and how to access in the case of an emergency
Environment – River	Incident, injury	High	<ul style="list-style-type: none"> • Pre site visit • Check entry and exit points • Check flows and potential hazards for a briefing prior to field trip
Weather conditions	Sunburn exposure	Medium	<ul style="list-style-type: none"> • Check forecast • Make sure sunscreen is available • Ensure everyone has a sunhat
Weather conditions	Hypothermia	Medium	<ul style="list-style-type: none"> • Check forecast and postpone if required • Ensure everyone has shoes and warm clothing
Environmental – sharp rocks / slippery surfaces	Incident, injury, death	High	<ul style="list-style-type: none"> • Ensure you have exit and entry points that are safe for children to enter • Check site for river / stream depth if children are entering the water • Ensure you have enough adult supervision • Students not to go any deeper than knee height • Create boundaries with cones • Unsure students have suitable footwear – no shoes no entry for urban rivers especially due to rubbish and glass that could casue injury
Environment - River	Drowning	Medium	<ul style="list-style-type: none"> • Check river levels and swiftness of the water before enterting • Ensure you have suitable entry and exit points • Students not to go any deeper than knee height

			<ul style="list-style-type: none"> • Provide adequate supervision • Ensure first aid course is up to date
Environmental – Water Quality	Sickness	Medium	<ul style="list-style-type: none"> • Ensure you wash you hands before eating or touching your face • Water is not suitable for drinking – it may have excess nutrients and bacteria that could cause illness • Check / clean / dry – ensure all the equipumnt is checked for algae, debris / is cleaned with freshwater and dry after each as we dont want to transport algae such as didymo between water ways
Traps – Use	Injury from incorrect use or accidental triggering of trap	High	<ul style="list-style-type: none"> • Check all equipment prior to use • Ensure adults have the correct knowledge to use traps • Be aware that traps can catch fingers / hands – they can cause scracomtches bruises and crush injuries if incorrectly set or not clear correctly • Use setting tools to reset and clear traps where applicable • Keep fingers clear at all times • Make sure traps are placed on flat ground or a solid surface and dont move trap after it has been set • Ensure teacher / adult in charge has a current first aid certificate should injry occur • Ensure all traps are unset when replacing bait • Ensure all students / staff are competent in using the trap before use, by watching online resources and training if required • Use equipment in accordance with manufactures instructions and keep well maintained

			<ul style="list-style-type: none"> • If any damage to traps contact Horizons to replace / repair • Be aware of sharp edges on entrances for trapping tunnels (including the mesh on DOC200 traps)
Traps – Members of public	Injury to member of public / other students at schools	Medium	<ul style="list-style-type: none"> • Ensure you have instructed all students in the school about traps and not to touch without adult supervision • Ensure all traps have a warning label • Make sure all traps are housed in trapping tunnels or mounted to a tree • Tunnels must always be covered.
Predator Animals	Injury from handling animals	Medium	<ul style="list-style-type: none"> • Be aware of potential scratches and injuries from animals (most predators have sharp teeth and claws) • Only handle animal if you are confident • Provide gloves if required and hand washing facilities – you must wash your hand after checking traps • Swiftly dispose of deceased animals • Be aware of trap mechanism when releasing the trap and removing the animal