**Risk Assessment**

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| **Coasteering** |  |  |  |  |
| **Hazard** | **Who’s at Risk** | **Outcome if not controlled** | **Control Measure** | **Residual Risk** |
| Water | Everyone | Death  Secondary drowning | All students must where buoyancy aid supplied by staff at all times and be fitted correctly | Medium |
| Cold Water | Everyone | Hypothermia  Death  Cold water shock | All Students are given a high-quality winter suit that must be correctly worn at all times | Low |
| Head Injury | Everyone | Concussion  Lacerations  Death | All Students are given a helmet to wear. These must be correctly adjusted to fit and worn at all times | Low |
| Trips and falls | Everyone | Cuts bruises and broken limbs  Drowning | Advise on slippery rocks  Correct footwear (old trainers) | High |
| Swimming in shallow water | Everyone | Drowning  Cuts bruises and broken bones | Buoyancy aids  Advise on specific swimming techniques  Instructors in the water with clients | Medium |
| Jumping into the water | Everyone | Cuts bruises and broken bones  Head injury  Spinal injury | Confirm depth of jumps.  All students are briefed to jump and step off correctly and appropriately  Guides will always demonstrate how to jump first and will show students where and when to jump | High |
| Exiting the water | Everyone | Cuts bruises and broken bones  Head injury  Spinal injury | All students are instructed to exit the water on the top of the swell, feet first and move away quickly to avoid the next wave. | Medium |
| Marine life | Everyone | Stings  Bites | Students always wear appropriate footwear and clothing | Low |
| Student ratios | Everyone | Drowning  Slips and trips  Cuts bruises and broken bones | Student ratios are kept to a 1:8 ratio of instructors to students | Low |
| Other water users | Everyone | Collisions | A careful eye must be given for other people in the area  Possible concerns are:  -falling rocks  -students landing jumps on other water users  -collisions  -congestion | Low |
| **Stand up Paddleboarding** |  |  |  |  |
| Drowning | Everyone | Death  Secondary drowning | All Students are supplied with a Buoyancy aids and leashes to be worn / attached at all times | Medium |
| Cold Water | Everyone | Death  Hyperthermia  Cold water shock | All Students are given a high-quality winter suit that must be correctly worn at all times | Medium |
| Falling in shallow water | Everyone | Cuts bruises and broken bones  Head injury  Spinal injury’s | Inform students of shallow water areas and rocks  Students are advised to only stand on the board when in deep water and to drop onto knees when in shallow water and to fall flat onto the water  Buoyancy aids worn by students and instructors | High |
| Wind/tide | Everyone | Loss of group management  Drowning | Check forecasts and current conditions before session  Continual assessment of the conditions during the session  Educate students on the best paddle techniques when paddling into the wind  Always paddle into the wind first then you know you will make it home  Session go ahead at the instructor’s discretion | Medium |
| Loosing board in open water | Everyone | Drowning  Cold water shock  Hypothermia | Leashes worm at all times | Low |
| Leash entrapment | Everyone | Drowning  Cuts bruises and broken bones | Keep two board lengths away from all hazards  Instructors to all carry knifes  Leashes not worn on river paddles | Low |
| Entrapment | Everyone | Drowning | Buoyancy aids worn by students and instructors  Students shown the correct falling technique | Low |
| Other water users | Everyone | Collisions | Educate to keep 2 board lengths minimum distance from any others including each other  Respect all other water users | Medium |
| **Kitesurfing** |  |  |  |  |
| Head Injury | Everyone | Concussion  Lacerations  Death | All Students are given a helmet to wear. These must be correctly adjusted to fit and worn at all times | Low |
| Cold Water | Everyone | Cold Water shock  Hyperthermia  Death | All Students are given a high-quality winter suit that must be correctly worn at all times | Low |
| Sand Dunes / Rocks | Everyone | Minor Injuries  Major Injuries | All sessions to do a site assessment of the local hazards.  To keep a buffer zone of 3m at all times away from objects | High |
| 3rd Parties (people/ public) | Everyone | Multiple Injuries  Minor injuries  Major injuries | Buffer Zone  Minimum 2-line lengths from 3rd Party  Lower kite when 3rd party approach | Low |
| Shallow Water | Everyone | Broken Limbs  Concussion | Rolling teaching zone. Minimum knee depth  Educate students how to fall. (fall as flat on water as possible) | Medium |
| Entrapment | Everyone | Drowning  Minor injuries  Major injuries | All safety systems explained and demonstrated to students  All students to wear correctly fitted buoyancy aids  Instructors to carry a knife at all times | Medium |
| Student ratio | Everyone | Drowning  Group control  Minor injuries  Major injuries | Students are kept to a ratio of 1 instructor to 2 students | Low |
| Weather conditions | Everyone | Major injuries  Group control lost | The instructor will always check the weather and the tides for the location of the lesson and will monitor the changing conditions to ensure the session is run in the safest conditions. | Medium |
| **Surfing** |  |  |  |  |
| Water | Everyone | Death  Drowning | All students must wear a leash so they are attached to their boards at all times.  The board is essential for safety as it acts as a floating device | Low |
| Low Temperature | Everyone | Drowning  Hyperthermia  Cold water shock | All students are given an appropriate wet suit that must be correctly worn at all times | Medium |
| Trips and falls from rocks and foot path | Everyone | Cuts, bruises and broken limbs | Students are informed of potential slip hazards and are asked to take care at all times  All clients are also taught how to properly carry the surfboard to minimize the risk of falling with the board and leash. The instructor will also direct students to use the allocated path | Medium |
| Rips and Current | Everyone | Drowning  Shock | It is the instructor’s responsibility to recognize any rip currents and to advise clients how to manage them. Rips can be dangerous but also helpful to surfers depending on differing factors | Low |
| Marine life / Jelly fish / Weaver fish | Everyone | Stings / spines in feet  Drowning | Direct clients away from any dangerous marine life. | Medium |
| Weather Conditions | Everyone | Minor Injuries  Drowning  Group control lost | The instructor will always check the weather and the tides for the location of the lesson and will monitor the changing conditions to ensure the session is run in the safest conditions. | Medium |
| Being hit with the surfboard in the waves | Everyone | Minor Injuries  Head Injuries  Concussion | All students are told to stand with the surfboard being on the side closest to the shore so when a wave passes it does not wash the board into the client | Low |
| Student ratios | Everyone | Accidents Likely | Student ratios are kept to a maximum of 1 to 8. Children 1 to 8.This will be reduced if conditions and ability require | Low |
| **Kayaking** |  |  |  |  |
| Drowning | Everyone | Death  Secondary drowning | All Students are supplied with a Buoyancy aids and leashes to be worn / attached at all times | Medium |
| Cold Water | Everyone | Death  Hyperthermia  Cold water shock | All Students are given a high-quality winter suit that must be correctly worn at all times | Medium |
| Falling in shallow water | Everyone | Cuts bruises and broken bones  Head injury  Spinal injury’s | Inform students of shallow water areas and rocks | Low |
| Wind/tide | Everyone | Loss of group management  Drowning | Check forecasts and current conditions before session  Continual assessment of the conditions during the session  Educate students on the best paddle techniques when paddling into the wind  Always paddle into the wind first then you know you will make it home  Session go ahead at the instructor’s discretion | Medium |
| Loosing Kayak in open water | Everyone | Drowning  Cold water shock  Hypothermia | Students instructed to never lose contact with their kayak | Low |
| Entrapment | Everyone | Drowning | Buoyancy aids worn by students. | Low |
| **RYA Powerboating** |  |  |  |  |
| Cold Water | Everyone | Shock  Hyperthermia | Students instructed to bring suitable clothing for session, Not allowed on the Water if no dressed appropriately | Medium |
| Drowning | Everyone | Drowning | Buoyancy aids worn by students at all times  MOB Procedure taught to all drivers | Low |
| Propeller Injuries | Everyone | Loss of Limbs  Serious bleeds  Death | Qualified instructors to be on boat and supervise students at all times.  Keys and Kill cord with instructors | Low |
| Fire | Everyone | Burns  Serious Injury  Death | Boat fitted with Fire extinguisher.  Weekly checks done on boat and engine | Low |
| Entrapment | Everyone | Drowning | Buoyancy aids worn by students. | Low |
| Whiplash | Everyone | Whiplash  Spinal injury’s | All drivers to inform passengers when boat is put into gear and accelerating | Low |
| Collisions | Everyone | Major Injuries  Broken Limbs  Head Injuries | All drivers aware of collision regulations and safe speed  Good lookout at all times on boat | Low |
| Poor Weather and Bad Visibility | Everyone | Collisions  Running aground | Boats equipped with GPS, Fog horn and compass. Instructors will always have a up to date forecast and plan accordingly | Low |
| Engine Failure | Everyone | Drifting  Shock or panic with students | Weekly and Monthly checks done on engines  Boats not used if any issues are raised | Low |
| Falling out of the Boat | Everyone | Cold Water Shock  Drowning  Spinal injury | Good communications  Awareness  Gentle acceleration  Accelerating only in a straight line except for maneuvers | Low |
| Back Injuries from boat | Everyone | Spinal Injury  Neck injury | All passengers told to sit with hips facing forward and not to twist  Sponsons pumped up well | Low |