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ISBN 978-0-9546532-9-3 'The Adventure Skills Poster
Handbook'

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Introduction

This handbook presents the Adventure Skills.

There are nine different Adventure Skills and they cover the
following areas – Camping, Backwoods, Pioneering, Hillwalking,
Emergencies, Air Activities, Paddling, Rowing and Sailing.

The Adventure Skills present many opportunities for Scouting
adventures and activities. As you progress through each stage you
will become more expert, and can pass on your skills to other Scouts
as they too learn about Scouting.

The Adventure Skills Stage Badges show that you have achieved
a specific level of knowledge and ability in an Adventure Skill.
Therefore, you must be able to carry out the skill safely and properly
and have the knowledge required.

When you are seeking to fulfill a requirement your Scouter will
be checking out your skills. It is important to understand that the
requirements are specific. It is not about 'doing your best effort'.
helping someone else or undertaking perhaps 60% of the work, is
not sufficient to fulfill the requirement.

Your Scouter will support you in planning, tracking progress and
focusing on improving your skill and expertise.

The Adventure Skills are presented in a series of nine stages. Each
stage is progressive and as you complete each stage you will take
on new adventures and improve your skills. Everyone starts at the
first stage, no matter what Section you are a member of. If, for
example, you are new to Scouting as a Venture Scout you still have
to start at Stage 1 and work your way up.

To earn an Adventure Skill all you have to do is take part in your
Scouting programme. During your many adventures you will learn
many new skills. After a while you will have enough knowledge to
be able to fulfill some of the requirements for an adventure skill. It
is not possible to "study" for an Adventure Skill. Knowledge gained
from reading must be supported by real and practical experience
in the selected Adventure Skill. So, the earning of an Adventure
Skill Stage Badge is a gradual thing, in fact you may have the
knowledge to fulfill various requirements from a number of badges
at any one time. Usually, the practical element of the Stage badge
will take a little long to earn.

The Adventure Skills requirements have been designed to be the
same as those of outside bodies in the relevant skills areas. This
means that progress in the Adventure Skills will also mean you
will gain the knowledge necessary to attain an equivalent outside
qualification e.g. from the Mountaineering Ireland, Irish Canoe
Union, Irish Sailing Association, etc.

You can also plan your progression in an Adventure Skill so
as to meet the requirement of acquiring or improving on a skill
contained in the Chief Scout Award, President's Award and Duke of
Edinburgh Award.

When you are planning your programme, the various Adventure
Skills should be kept in mind and

examined. It will be possible to add into your programme many
elements to help you to fulfill a Stage badge.

Wearing Badges

You wear the highest stage you have earned. You will start off with
your Stage 1 Badge and when you have earned the Stage 2 Badge
you replace the Stage 1 Badge. You may have a number of Stage
Badges of different levels displayed on your arm.

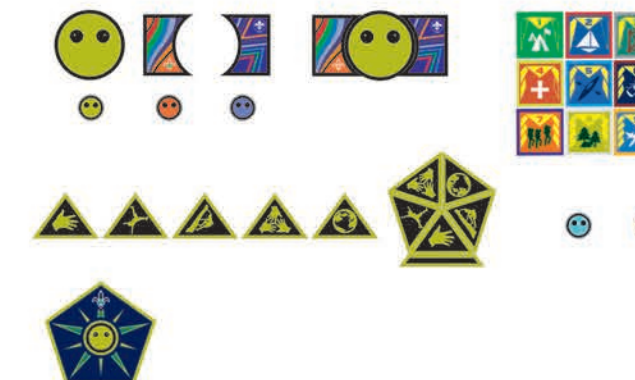


Adventure Skills



Poster Pullouts





PERSONAL JOURNEY



ADVENTURE SKILLS



NAUTICAL



SPECIAL INTEREST



NINE ADVENTURE SKILLS



SET OUT IN NINE STAGES...



Camping

Camping



Stage 1

- I know the main personal gear to bring on camp.
- I know how to care for my personal camping gear.
- I know what clothes I should bring on camp.
- I know how to set out my sleeping area for a good night's sleep.
- I can collect small sticks suitable for fire-making.
- I know about the Buddy System.
- I can help pitch a tent.
- I can pack my rucksack for camp.
- I can keep my camping gear neat and tidy while on camp.
- I know the different emergency services that are available and how and when to call them
- I know the main parts of a tent.
- I have spent at least one night on camp.

Earned on

Stage 2

- I know about the food pyramid and can discuss it with a Scouter.
- I know about food hygiene.
- I can get a weather forecast.
- I can help prepare food for cooking on camp.
- I know how I would get help if someone is hurt.
- I know how to behave safely around fires.
- I can demonstrate my understanding of the fire triangle.

- I know how to be safe while cooking.
- I understand why I should follow directions from an instructor.
- I have spent at least two nights on camp (outside).

Earned on

Stage 3

- I know how to care for all my personal gear.
- I know about safe food storage.
- I can help make a hot drink using a fire.
- I can help clean up a fireplace after camp.
- I know how weather can affect our camp.
- I know why we bring certain gear on camp for our team.
- I can use camp tools safely on camp.
- I know how to clean and treat a small cut or scratch.
- I know the main principles of “Leave No Trace”.
- I can show a younger member of my team how to pitch a tent with the help of others.
- I can assist in the cooking of a meal while on camp.
- I can help others to learn about camping.
- I have spent at least two consecutive nights on camp.

Earned on

Stage 4

- I know what personal gear I should bring on a lightweight and standing camp.
- I can pack my rucksack properly for a lightweight camp.
- I know how to use our team gear correctly and safely.
- I know how to care for our team equipment during and in between camp.
- I know the best place to pitch our tent and I can explain why.
- I know how to use and store tools safely.
- I know what to do in the case of cuts and minor burns.

- I can be safe around fires and cooking equipment.
- I can be a constructive member of my team while on camp.
- I can assist in the pitching of a tent with my team.
- I have spent at least four nights on camp.

Earned on

Stage 5

- I know what you need for building shelters and bivvys.
- I can explain how you choose the best type of tent for a specific camp.
- I know how to store and cook food safely on camp.
- I know what team equipment to bring on various types of camps.
- I can plan a balanced menu with my team for a camping adventure.
- I can select suitable locations for a standing or lightweight camp.
- I can show the best layout for a team campsite.
- I can use at least two different types of cooking fires and stoves.
- I can give a weather report to our Scouter for the duration of our camp.
- I can show the best location on camp for a chopping pit.
- I can show a younger Scout how to pitch a tent.
- I know how to pitch and set tents correctly for bad weather conditions.
- I understand the importance of proper waste management on camp.
- I can light and maintain a cooking fire.
- I know how to cook a good balanced meal on a fire.
- I have spent at least five consecutive nights on camp.
- I have spent at least one night lightweight camping.

Earned on

Stage 6

- I know how to plan the menu and purchase the food for a weekend camp.
- I can source local knowledge with regard to a campsite and surrounding area.
- I know how to plan a programme of activities for a camp.
- I know the causes of how to recognize and treat hypothermia, hyperthermia, sunstroke, dehydration and asthma, or anything medical conditions relevant to my team.
- I can show how to care for, store and maintain all our team equipment.
- I can explain what group emergency equipment we should bring on camp and why.
- I can organise the pitching and striking of a team campsite.
- I know how to use a variety of stoves in outdoor conditions safely.
- I can talk to our team about the hazards involved in camping.
- I can pitch a tent I am not familiar with.
- I have successfully camped in a variety of weather conditions.
- I have spend at least 8 nights on camp including a week-long camp.
- I have spend at least two consecutive nights lightweight camping.

Earned on

Stage 7

- I know how to select a suitable location for both standing and lightweight camps.
- I can plan and lead a team camp in a wild/remote location for a minimum of two nights.
- I know how to organise the transport required for our camp.
- I know how to plan activities for various types of camps.
- I know how to make contingency plans for our camp.
- I can take responsibility for myself and my team while on camp.
- I can help those camping with my team to learn new skills.

- I have spent at least 12 nights on various types of camps, including at least 2 consecutive nights without a Scouter.

Earned on

Stage 8

- I can prepare for a specialist expedition and have acquired the necessary skills.
- I can source, compare and organise various transport options for getting to local and foreign locations.
- I know how to create an exciting expedition while catering for everyone's needs.
- I know how to be active in the out of doors, without disturbing the balance of nature.
- I have assisted in the organisation of at least 2 camps either for my Team, or another Team in my own Group or in another Group.
- I have spent at least 16 nights on various types of camps.

Earned on

Stage 9

- I know how to budget, prepare and manage every aspect of the expedition.
- I know how to ensure that safety precautions are put in place, without curtailing the fun of our camp.
- I can plan and execute, camps and expeditions in all types of locations - at home or abroad.
- I know how to source amenities and local places of interest.
- I know how to use a variety of cooking stoves, and know when each type is most effective.
- I have organized and led at least one camp for my team.
- I have spent at least 20 nights on various types of camps.

Earned on



Backwoods

Backwoods



Stage 1

- I know what kinds of clothes to wear when going out into nature.
- I know how to prepare food for cooking.
- I know what a basic survival kit should contain.
- I know how to behave safely around fires.
- I know how to use hand tools safely.
- I can build a simple shelter.
- I have participated in at least two backwoods activities.

Earned on

Stage 2

- I know how cook some food using tin foil instead of pots and pans.
- I know the important things to remember when building a simple shelter using plastic sheeting.
- I know how to treat simple cuts and scratches in a hygienic way.
- I know how to set up a fireplace and assist in fire lighting.
- I can prepare and cook food properly in backwoods conditions.
- I know about food hygiene in the outdoors
- I can use hand tools correctly.
- I have attended at least an additional two backwoods activities.

Earned on

Stage 3

- I know how different weather conditions can affect a backwoods activity.
- I know how to get help when someone is in trouble.
- I know the main principles of “Leave No Trace”.
- I can build a shelter for up to six people.
- I can use camp tools safely on camp.
- I know about food storage.
- I can light a fire using natural tinder, fuzz sticks and matches.
- I can make a simple fish hook.
- I can prepare my own survival kit.
- I can teach another Scout about preparing a survival kit.
- I have attended at least an additional three backwoods activities.

Earned on

Stage 4

- I know what equipment I need to bring with me on a backwoods activity.
- I know how to set up a tarp bivvy shelter suitable for two people.
- I know how to prepare a fire place and light and maintain a fire using minimum resources.
- I can make simple containers using natural materials.
- I know how to treat cuts and minor burns.
- I can make camp bread such as twists and scones.
- I know about nature and what you are likely to see and experience as part of a backwoods activity.
- I can find directions by using star constellations and the sun/ watch method.
- I have attended at least one backwoods based overnight activity.

Earned on

Stage 5

- I know how to use and care for tools (of all kinds) safely.
- I know how to build a backwoods shelter using natural materials and how to return this material to nature.
- I know how to cook a variety of foods using different backwoods methods.
- I know the safety considerations that are necessary before embarking on any activity or adventure.
- I can make a length of cordage using naturally found fibres.
- I can light a fire using flint and steel.
- I can make myself comfortable on an overnight backwoods adventure using available natural materials.
- I can carve a wooden spoon from a piece of wood.
- I have attended backwoods based activities lasting at least two nights.

Earned on

Stage 6

- I know what Team and personal equipment is necessary for a successful backwoods activity.
- I know all of the elements of the “Leave no Trace” programme.
- I can identify edible fruits and berries that are found in nature.
- I can prepare the foods I find in nature for cooking.
- I can find my way using natural direction indicators.
- I can catch and prepare a fish for cooking.
- I have led at least one backwoods activity .

Earned on

Stage 7

- I know a number of ways of constructing shelters and bivvys.
- I know the likely hazards that may be present in woodland and open countryside.
- I know how to light and maintain a fire using friction methods.
- I know how to live in the countryside without disturbing the balance of nature in any way.
- I know how to make utensils by carving and by other methods.
- I can cook a meal without using common utensils.
- I have led at least one overnight backwoods or survival based activity.

Earned on

Stage 8

- I know a number of ways of constructing shelters capable of being used for a number of nights.
- I know how to prepare, cook and store food in backwoods conditions.
- I know the different edible foods that can be eaten safely in the wilds.
- I hold a first aid certificate (outdoor) or equivalent REC 3.
- I know how to make a variety of tools, and useful gadgets to survive in nature over a period of time.
- I can live comfortably in a number of different natural situations, with minimal equipment.
- I have led at least three backwoods adventures.
- I have participated in a survival weekend activity.

Earned on

Stage 9

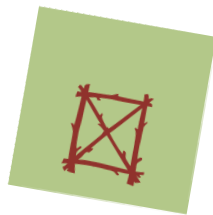
- I have run at least two backwoods skills training sessions for my Scout Group/County.
- I have participated in a survival activity outside my usual Scouting environment..

Earned on



Pioneering

Pioneering



Stage 1

- I know what equipment is needed for making pioneering gadgets.
- I know how to build a gadget using elastic band techniques.
- I can be responsible for myself while we are pioneering.
- I know the different emergency services that are available and how and when to call them.
- I understand why I should follow directions from an instructor.
- I have built at least two simple pioneering gadgets.

Earned on

Stage 2

- I know how to get help if someone is hurt during a pioneering activity.
- I can tie the basic knots I need for pioneering.
- I can prepare ropes for use in pioneering.
- I can coil a rope.
- I can undertake tasks assigned to me while we are pioneering.
- I have made a knot board.
- I have built at least three simple pioneering gadgets using elastic band techniques.

Earned on

Stage 3

- I know what equipment I need for making various pioneering gadgets.
- I know how to treat basic cuts and scratches.
- I know about the safety precautions that are needed when pioneering.
- I know the main principles of 'Leave No Trace'.
- I have taught other Scouts how to tie some basic knots.
- I have built at least two gadgets using ropes and poles.

Earned on

Stage 4

- I know the correct use, care, and storage of the tools we use in pioneering.
- I know the different types of rope used in pioneering.
- I know how to take care of all kinds of rope.
- I know how to tie the knots necessary for building pioneering structures safely.
- I know the safety precautions to be observed for the safe lifting of pioneering spars.
- I can use guy ropes to make pioneering gadgets stable.
- I know the basic components of pioneering structures and how to make them.
- I can tie the main lashings necessary to make most pioneering gadgets.
- I can be responsible for myself while pioneering.
- I have built gadgets on camp and assisted my 'team' in building a tower or a bridge.

Earned on

Stage 5

- I know how to select suitable poles and spars for a pioneering project.
- I know how to treat cuts and sprains.
- I know what to do in case of an accident while pioneering and how to be safety conscious.
- I can help a younger Scout to build a pioneering gadget.
- I can set up a simple pulley system for lifting and tensioning ropes.
- I can coil, whip and splice a rope.
- I am aware of the building process/procedure while pioneering.
- I have taken part in the construction of at least two pioneering projects.

Earned on

Stage 6

- I know how to plan and construct pioneering projects to be built by my team.
- I know how to reeve up, use and safely secure pulleys in pioneering projects.
- I can be responsible for my team while building pioneering projects.
- I know the correct lifting techniques for raising a tower or an A frame.
- I know the best types of anchorage to use for a pioneering project and can use them.
- I can lead the construction of an element of a large-scale pioneering structure.
- I have taught a younger Scout how to tie the lashings necessary for a pioneering project.
- I have taken part in the construction of at least two large-scale pioneering structures.

Earned on

Stage 7

- I know how to inspect for damage, care for and store ropes, pulleys and poles.
- I know the importance of safety at all stages of construction, use and dismantling of a pioneering structure.
- I know how to plan and execute the build of a large-scale pioneering structure.
- I can check the safety of all knots and lashings used in a large-scale pioneering structure.
- I have led the construction of at least one large-scale pioneering structure.

Earned on

Stage 8

- I have led the construction of a least two large-scale pioneering structures and managed them safely.
- I know how to set up and manage a belay on pioneering or climbing structures.
- I know how to use safety harnesses and securely tie off rock climbing harnesses.
- I know how to secure rope structures and high wire elements.
- I hold an outdoor First Aid certificate.

Earned on

Stage 9

- I can design, plan and build large-scale pioneering structures.
- I know the importance of safety at all stages of construction, build, use and dismantling of a large-scale pioneering structure.
- I know how to control and supervise the construction of a large-scale pioneering structure and its use in programme.
- I can be responsible for ensuring large-scale projects happen safely, and that those participating are learning the skills required.

Earned on



Hillwalking

Hillwalking



Stage 1

- I can pack my rucksack for a day hike.
- I know what to wear and what extras I need to bring on a hike.
- I know what food to bring on a hike.
- I know how to behave safely while hiking.
- I can read a simple map.
- I can point out and name the main features of a map.
- I can be responsible for myself while we are hiking.
- I can recognise the main distress signals.
- I know about the Buddy system.
- I understand why I should follow directions from an instructor.
- I have attended at least two hikes.

Earned on

Stage 2

- I know what gear I need depending on the weather.
- I know why you bring certain foods and drinks on hikes.
- I can point out the main parts of the compass.
- I know how to get help if someone is hurt.
- I can point out the different symbols and colours on a map and I know what they mean.
- I can be responsible member of my team while we are hiking.
- I can get a weather forecast.
- I have attended at least three hikes.

Earned on

Stage 3

- I know how to treat simple cuts and scratches.
- I know why you bring certain clothing on hikes.
- I know the main principles of “Leave No Trace”.
- I know how to cross boggy ground.
- I know how and when to use the main distress signals.
- I can use a compass to find direction.
- I can point out the features of a map.
- I can be responsible for myself and aware of my surroundings while hiking.
- I can follow a route on an orienteering map.
- I have attended at least three hiking activities and been on the top of a mountain.

Earned on

Stage 4

- I know how to pack a rucksack for weekend hikes.
- I can care for all my personal hiking equipment.
- I know what team equipment to bring and why.
- I know how to treat simple sprains and blisters.
- I know the different emergency services that are available and how and when to call them.
- I can follow our route on a map and find the main points using a compass.
- I can be responsible for younger members of my team while we are hiking.
- I have led a leg of a hike.
- I have attended three hikes including an overnight.

Earned on

Stage 5

- I know the potential dangers of weather on hikes.
- I know how to pack a rucksack for a hillwalking expedition.
- I know when to cross a river and some different methods for crossing.
- I know all about the “Leave No Trace” principles.
- I know the main principles of navigating using a map and compass.
- I can complete and use a route card.
- I can be an active member of my team while hiking.
- I have taken part in three hikes.
- I have taken part in a two night hike in the mountains, based out of one campsite.
- I have written a log for at least two of these activities.

Earned on

Stage 6

- I know the causes of how to recognize and treat hypothermia, hyperthermia, sunstroke, dehydration and asthma, or anything medical relevant to my team.
- I know the limitations of my team.
- I know the limitations of the compass and other navigation tools.
- I can use a compass and map to find my position.
- I know what Group emergency equipment we should carry, and how to use it.
- I can be responsible for myself and my team while hiking.
- I can plan and lead a hike.
- I have taken part in at least six hiking activities, four of which should be over 800m.
- I have taken part in a two night hike in the mountains, including a low and high camp.
- I have written logs for all of these activities.

Earned on

Stage 7

- I can organise the transport required for an activity
- I can budget for team hikes.
- I know how to assess risk and be aware of group safety.
- I know how to deal with mountain hazards.
- I can plan escape routes.
- I can navigate at night, in poor visibility, and do micro-navigation.
- I have planned and led one hike without a Scouter.
- I have participated in at least five hikes between 800m and 1,300m and one over 1,300m.
- I have taken part in an unaccompanied but supervised two night hike in the mountains including a low and high camp.
- I have written logs for all of these activities.
- I have a logbook detailing at least 30 hikes and expeditions that I have undertaken.

Earned on

Stage 8

- I have an outdoor First Aid certificate.
- I know how to safeguard others on steep ground.
- I know how to use a rope on difficult terrain.
- I can set up a simple belay.
- I can lead a hiking adventure .
- I know the procedure to be followed in the event of an accident.
- I have taken part in at least six hillwalking adventures over 1000m and one over 2250m.
- I can take responsibility for our Group on a hiking adventure.
- I have taken part in an unaccompanied but supervised two night hike in the mountains outside the island of Ireland.
- I have written logs for all of these activities.

Earned on

Stage 9

- I know what equipment is required for various types of hillwalking expeditions, and the correct use and care of this equipment.
- I can navigate accurately and safely over the Irish mountains in any type of weather, and at night.
- I can assess risk and take appropriate action to ensure safety.
- I can practice basic winter mountaineering skills.
- I can create an exciting expedition while catering for everyone's needs.
- I can budget, prepare and manage every aspect of the expedition.
- I have a logbook detailing at least 20 hikes and expeditions that I have undertaken since stage 7.
- I have taken part in an expedition to 3250m.
- I can be responsible for others in various situations on the mountains.

Earned on



Emergencies

Emergencies



Stage 1

- I know what should be in my personal First Aid kit.
- I know the basic rules of First Aid.
- I know the different emergency services that are available and how and when to call them.
- I know how to use the “Buddy” system.
- I know how to treat minor cuts.
- I can get help and make a report properly if someone is hurt.
- I can be responsible for my own health and safety.

Earned on

Stage 2

- I have made my own First Aid kit and I know how and when to use it.
- I know how and when to place someone into the recovery (safe airway) position.
- I know the importance of providing shelter and insulation.
- I know how to use a Scout neckerchief as a makeshift bandage in an emergency.
- I understand why I should follow directions from an instructor.
- I know how to keep myself safe in an emergency.
- I can direct help/rescue services to a location.

Earned on

Stage 3

- I know how to deal with a bleeding injury and nose bleeds.
- I know how to treat minor burns and sunburn.
- I know the international distress signal and when to use it.
- I can treat bee stings and nettle stings.
- I know how to check for the A B C of basic First Aid.
- I know how to use CPR.
- I can assess an emergency situation quickly, and summon help.
- I know how to create an escape plan for a building or activity location in case of fire.
- I know the international distress signal and when to use it.
- I know how to care for an injured person until help arrives.

Earned on

Stage 4

- I know what should be in our Team First Aid Kit, and know how to use it correctly.
- I know how to move an injured person safely to shelter if appropriate or necessary.
- I know how to apply bandages for different types of injury.
- I know how to check if someone is choking and how to help them.
- I know how to clean dirt from an eye.
- I know how to recognise sprains, strains and fractures.
- I know how to deal with blisters.
- I know what actions to take with suspected poisoning.
- I can use various means to show the location of an accident to rescue services.
- I know how to build a stretcher from improvised materials.

Earned on

Stage 5

- I know how to treat an eye injury.
- I know what to do and what not to do in the case of emergencies.
- I have acted as a Team First Aider on at least one activity.
- I know how to take care of and reassure a casualty.
- I know how to recognise and assist someone suffering from the effects of asthma, epilepsy and diabetes.
- I know how to deal with an accident in open countryside and how to summon help.
- I know how to treat a serious bleeding injury.
- I know how to escape to safety from various emergency situations.
- I know how and when to use flares and other long-distance signalling devices.

Earned on

Stage 6

- I know how to recognise and treat shock.
- I know how and when to use an AED.
- I have acted as a Team First Aider on at least one outdoor activity.
- I know how to escort and assist a casualty, while they are being transported to safety.
- I know how and when to use different fire extinguishers.
- I know how to look for monitor and record vital signs.
- I know the causes of how to recognize and treat; hypothermia, hyperthermia, sunstroke, dehydration and asthma.
- I know how to recognise and deal with angina and heart attacks.
- I know how to record correctly everything that has happened at the scene of the accident.
- I am competent in basic first-aid, able to deal with emergencies, and I know when further expert help is needed.

Earned on

Stage 7

- I hold a First Aid Certificate to REC 3 or equivalent level (Red Cross, Order of Malta, and Saint Johns Ambulance).
- I can deal with emergency situations and follow best practice for First Aid.
- I have acted as Section First Aider on at least one occasion on an adventurous outdoor activity.
- I can analyse vital signs.
- I know what specialised equipment I should have in my First Aid Kit and how to use and care for it.
- I know how and when to call a medevac or other medical helicopters.
- I can use radio communications effectively in an emergency situation.

Earned on

Stage 8

- I know how to treat specific injuries which may occur in my chosen area of interest.
- I can carry out a risk assessment for an activity and steer clear of dangers.
- I know how to deal with head, spine, chest, stomach, and pelvic injuries.
- I know how to educate others to the possible dangers that can be encountered and how to deal with them.
- I have acted as a First Aider on at least one annual expedition of five night’s duration.

Earned on

Stage 9

- I know how to deal with regional specific illnesses depending on my location or the location I am travelling to.
- I know, understand and I am able to perform basic life support.
- I know how to assess and manage risk in various and constantly changing situations.
- I can constantly risk assess situations as they arise and take measures to limit injuries.
- I can give immediate treatment and deal with complicated emergency situations.
- I can assist a rescue team in moving a casualty to safety.
- I hold a First Aid Cert at REC level 4 or equivalent.

Earned on



Air Activities

Air Activities



Stage 1

- I can name all the things that I know can fly.
- I can show pictures of and be able to talk about different types of flying machines.
- I can build a paper aero plane from an A4 sheet that will fly, climb and turn.
- I can discuss the features of an airport from a model or picture (Runway, Terminal, Control Tower).
- I know how to be safe around aircraft.
- I have visited an airport.

Earned on

Stage 2

- I can make a small parachute using a piece of light material and string.
- I can show my Scouter the five main parts of an aero plane (Cabin, Wing, Tail, Wheels, Engine).
- I can launch a number of parachutes from a stand and see which parachute falls the slowest.
- I can discuss with my Scouter how the wind affects a parachute.
- I know what you should do if somebody gets hurt.
- I know the safe way to be on an airport and can discuss this with my Scouter.
- I can build a kite and fly it.
- I know where it would be safe to fly a kite.

Earned on

Stage 3

- I know the difference between airside and landside.
- I can discuss the first flight by the Wright Bros.
- I know the main parts of an aero plane.
- I know the rules of safety around an aero plane.
- I can discuss why communication is important to aircraft.
- I know the phonetic alphabet.
- I can name the planets in our Solar System.
- I know the main points of 'Leave no Trace and why it's important at airports.
- I have built a scale model aircraft to a satisfactory standard from a plastic kit and can explain its features and history.
- I can discuss with my Scouter Hot Air balloons how hot air balloons work and how they are controlled.

Earned on

Stage 4

- I know the rule relating to airfields.
- I understand how a wing derives lift.
- I can discuss with my Scouter - Lift, Drag, Gravity and Thrust .
- I know the control surfaces of an aircraft.
- Using a model, I can explain how an aero plane climbs, dives and turns.
- I can explain the causes of stalling.
- I know the logos of the various airlines.
- I can build a model hot air balloon.
- I have produced a project based on the Moon Landings.
- I have taken part in a Water Rocket Launch.

Earned on

Stage 5

- I understand what FOD is.
- I know how to approach an aircraft.
- I know the signs that an aircraft is about to start an engine.
- I know where the safe jet blast zones are on an aircraft.
- I know how to identify different aircraft types from their features.
- I understand how weather affects air activities.
- I can show a younger Scout how control surfaces work.
- I can build a scale model aircraft to a satisfactory standard from paper and balsa wood.
- Using a computer simulator, or other method, I can identify some aircraft instruments.
- Using a computer simulator, or other method, I can show how to take off and fly through various weather conditions and land safely.
- I can discuss with my Scouter how the Earth's atmosphere affects air travel.
- I can build and launch a Water Rocket.
- I have taken part in at least two air activities.

Earned on

Stage 6

- I can discuss aircraft navigation with my Scouter.
- I know the types of air maps and the conventional signs used on them.
- I can demonstrate how to obtain a local forecast for an air activity.
- I can explain how wind speed and direction are measured and how weather can affect various air activities.
- I can explain the difference between ground speed and air speed and how wind is used in takeoff and landing.
- I can discuss with my Scouter how the Earth's atmosphere affects air travel.
- I can understand three different ways in which clouds are formed.
- I can show that I understand the basic 'T' instrument cluster.

- I can handle a powered model aircraft during takeoff and fly through various weather conditions and land safely.
- I can explain the workings of aircraft pressure instruments, for example an altimeter or air speed indicator.
- I can discuss how the ionosphere affects communication.
- I can navigate my Patrol over a route using a GPS.
- I have attended an Air Display.
- I have participated in a themed 'Space Camp' or event with a group of Scouts.

Earned on

Stage 7

- I know the basic principles of a piston engine, including the four-stroke cycle.
- I know how a jet engine works.
- I know how rocket engines work, and their lift-off and re-entry procedures.
- I know the Safety Code for Rocketry and am able to identify the principal parts of a rocket.
- I can build, launch, and recover a single or double-staged model rocket.
- I know how to arrange permissions for a rocket launch.
- I am able to fly a model aircraft.
- I can be responsible for planning a weekend camp or my Group at an airfield.

Earned on

Stage 8

- I understand what a flight plan is.
- I can produce a flight plan for a cross country exercise.
- I know the main types of checklists commonly found in aircraft.
- I know how to correctly approach an occupied aircraft or helicopter.

- I have a thorough knowledge of the 'Rule' Relating to Airfields'.
- I understand the Irish Air Traffic Control system.
- I know how and when to use an air-band radio.
- I know how to marshal an aircraft.
- I have undertaken a project to demonstrate a particular aeronautical principle and build a suitable model to illustrate it.
- I have taken part in two air activities that got me airborne ***
- I have planned a weekend camp for my Section on an airfield.

Earned on

Stage 9

- I know the principle of flight of a helicopter.
- I know how the controls of a helicopter work.
- I know the dangers regarding specific aerial activities.
- I know how the constellation of satellites work to provide GPS navigation.
- I understand how telemetry helps develop aviation products.
- Have an understanding of Radar and how ATC use it.
- I can arrange for a suitably experienced instructor to give an air experience flight. ***
- I have taken part in two different air activities that got me airborne.

*** - Scouting Ireland insurance does not extend to air activities involving 'off the ground activities' such as parascending, gliding, parachuting, powered flight. The minimum age for undertaking these as type of activities in Ireland is 16 years. Additional insurance cover is required. Parental permission is mandatory.

Earned on



Padding

Paddling



Stage 1

- I have discussed what a wet suit does.
- I know what a Buoyancy Aid and Life Jacket are for.
- I can show where the bow and stern are in a kayak or boat.
- I understand why I should follow directions from an instructor.
- I can show the limits of where I may go each time I go afloat for paddling.
- I know about the ‘Buddy’ system.
- I know why I should care for my wet suit, buoyancy aid and ‘cag’ after use.
- I know not go afloat if the wind is greater than Force 4.
- I know how to contact the emergency services.
- I have taken part in a short exercise afloat.

Earned on

Stage 2

- I can explain what special clothing is to be worn while taking part in a water based activity.
- I can put on my own personal floatation device properly.
- Before I launch my boat, I can show where and when I am allowed to go.
- I have discussed ‘Weil’s’ disease and the precautions necessary to take in open water activities.
- I have drawn a poster demonstrating the safety rules for swimming.
- I have taken part in an activity on safe enclosed waters involving paddling a Canadian Canoe.
- I have discussed the appropriate action I should take in the case of a capsize.

- I have explained what impact I can have on local vegetation when launching and retrieving a boat.
- I know how to raise the alarm if I see somebody in difficulty on the water.
- I know what hypothermia is.
- I have taken part in an at least two activities afloat.

Earned on

Stage 3

- I can explain the importance of wearing the right clothing and gear while afloat.
- I can show how to test a raft for secure construction.
- I know how to do CPR and place a victim in the recovery position.
- I know how to make use of a paddle while on a raft.
- I know what to do in the case of a capsize/ or raft breakup and the procedures to follow.
- I know how to tie and when to use the following knots; Round-turn-and-two-half-hitches, Figure-eight, Bowline, Reef Knot, Clove Hitch.
- I can tie a square lashing.
- I know how and where to get the latest weather forecast for the area I will be paddling in.
- I can make a recognised distress signal.
- I know that I should follow the instructions of the person in charge of the boat.
- I have taken part in making a simple raft for four people.

Earned on

Stage 4

- I can explain why wearing the correct outer wear is important.
- I can assist in the launch and recovery of a raft.
- I know the safety precautions required for water based activities.
- I know the main points of ‘Leave No Trace’.
- I can work as part of a team to paddle a raft on a triangular course .
- I can tie the following- Round turn and two half hitches, Figure of eight, Bowline.
- I can demonstrate how to whip a ropes end and then show how to coil the rope.
- I know the Beaufort wind scale up to Force 6.
- I can demonstrate throwing a Throw Line to a casualty, preparing the rope for the throw and instructing the casualty to use the rope. Heave the causality to shore. This can be demonstrated in open water or a swimming pool.
- I have taken part in and logged at least four rafting activities.
- I have taken part in three activities on safe enclosed waters involving paddling a Canadian Canoe.

Earned on

Stage 5

A Scout seeking this award must be 10 years of age and be of a physical size that enables them to kayak.

- I know the difference between winter and summer kayaking.
- I can demonstrate an understanding of the basic safety rules of kayaking.
- I can demonstrate my ability to enter and exit a kayak correctly.
- I can demonstrate forward paddle, reverse paddle, and stop.
- I can show my ability to turn while stationary using forward sweep stroke, reverse sweep stroke and a combination of forward and reverse sweep strokes.
- I can demonstrate correctly and confidently the capsize drill.

- I can demonstrate how to take part in a kayak raft-up and explain its uses.
- I can demonstrate forward and reverse paddling in a kayak.
- I can demonstrate stopping in a kayak.
- I can demonstrate forward and reverse sweep stroke in a kayak.

Earned on

Stage 6

The Scout must successfully explain and demonstrate all techniques and skills at a level higher than that required for the Stage 5. This includes previous paddling strokes learnt.

- The Scout must demonstrate correctly the following new skills.
I can demonstrate an understanding of the basic safety rules of kayaking.
- Simple draw stroke, Low brace, Low brace Turn, Edging while the kayak is moving.
Capsize drill.
- My ability to assist in a H rescue, and in an assisted X rescue.

Earned on

Stage 7

The Scout must successfully explain and demonstrate all techniques and skills at a level higher than that required for the Stage 6. This includes previous paddling strokes learnt.

- The Scout must demonstrate correctly the following new skills.
- Forward ferry gliding, Reverse ferry gliding, Breaking in, Breaking out,
- (A) Eskimo rescue (B) Eskimo roll.

- I can demonstrate my understanding of the use of Defensive swimming.
- I can demonstrate my understanding of Eddies, Standing waves, V waves, Stoppers, and easy river routes i.e. the main flow down a Grade II rapid.
- I can demonstrate my understanding of good control i.e. responding to various signals and commands).

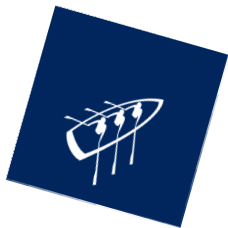
Earned on

Stages 8 and 9 of the Paddling Adventure Skills are presented on page 24



Rowing

Rowing



Stage 1

- I can assist in the launching of a small punt.
- I know about the buddy system.
- I know the importance of a Personal Flotation Device.
- I know the correct clothing to wear when going afloat.
- I can row a small punt.
- I can point out the bow, stern, transom, port and starboard of a boat.
- I know how to contact the emergency services.
- I know why it is important to stay with a capsized boat.
- I know why I should follow directions from my instructor.
- I know not go afloat if the wind is greater than Force 4.
- I can show the limits of where I may go each time I go afloat.
- I have taken part in two half-day exercises afloat consisting of at minimum of two hours afloat.

Earned on

Stage 2

- I can assist in the launch and recovery of a small punt.
- I can explain what impact I may have on local vegetation when launching and retrieving a punt.
- I have discussed “Weil’s disease” and the precautions necessary to take part in open water activities.
- I can put on my own Personal Flotation Device and adjust it properly.
- I know why I should wear suitable footwear.
- I can make a recognised distress signal.
- I know how to raise the alarm if I see somebody in difficulty on the water.

- I know what hypothermia is.
- I know that I should keep clear of channels and fairways.
- I can get a weather forecast.
- I can tie the following knots; round-turn-and-two-half-hitches, figure of eight, bowline.
- I have taken part in four half-day exercises afloat consisting of a minimum of two hours afloat.

Earned on

Stage 3

- I can take a leading part in the launch and recovery of a small rowing punt.
- I know why wearing layers of clothing is a good idea.
- I can embark, manoeuvre and disembark from a rowing punt safely.
- I can point out the main parts of a boat.
- I can use a small anchor from a punt.
- I can get into the water from a punt in a safe way.
- I can help to right a capsized rowing punt.
- I know how to do CPR and place the casualty in the recovery position.
- I know that I should follow the instructions of the person in charge of the boat.
- I understand the terms used in a maritime weather forecast.
- I have taken part in three full day exercises afloat consisting of a minimum of 4 hours afloat.

Earned on

Stage 4

- I can assist in the launch and recovery of a rowing boat.
- I know the main principles of “Leave No Trace”.
- I know that there are different types of Personal. Flotation Device and know when and where each should be used.

- I can explain why wearing the correct outerwear is important.
- I can demonstrate how to manoeuvres a boat as a member of the crew in a rowing boat.
- I can pick up a mooring from a punt.
- I can help another person safely into a punt from the water.
- I can coil a line and heave it to a casualty to affect a simulated rescue.
- I know the safety precautions required for water based activities.
- I know the Beaufort wind scale up to Force 6.
- I can describe how often high and low tides take place, and the implications these might have when going afloat.
- I know that where I may go boating may change in different conditions.
- I have taken part in six full-day exercises afloat consisting of a minimum of 4 hours afloat.

Earned on

Stage 5

- I know the standard rowing commands used in my group and can use them to helm a rowing boat on a straight course.
- I can take a leading role in mooring and unmooring a rowing boat.
- I can assist in the anchoring of a rowing boat.
- I can identify and name the main parts of common anchor types.
- I know why it is important to have some training in first aid and can show how to care for someone who is very cold.
- I know the parts of the International Regulations for the Prevention of Collisions at Sea which apply to my boat and local boating waters.
- I can obtain a weather forecast and know how the information might affect planned activities afloat.
- I know how currents and the ebb and flow of the tide affect my local boating waters.
- I know how to use Channel 16 on marine VHF and have an understanding of the use of distress flares.

- I have taken part in six full-day exercises afloat.
- I have taken part in one expedition afloat.

Earned on

Stage 6

- I can take a leading part in the launch and recovery of a rowing boat.
- I can carry out the routine inspection of a Personal Flotation Device.
- I can take the helm of a rowing boat and carry out the required manoeuvres including steering with a compass.
- I can take a leading part in anchoring a rowing boat including knowing how and when to use a tripping line.
- I have taken part in Man-Over-Board exercises.
- I know what causes tides and how spring and neap tides might affect sailors.
- I can recognise the main weather patterns illustrated by a synoptic chart and can interpret the forecast.
- I can identify common weather conditions and describe how they may affect boating activities.
- I am familiar with the main features of restricted waters as defined for my group.
- I know how and when to make distress and urgency calls and ‘Safety Announcements’ on Marine VHF.
- I have taken part in eight full-day exercises afloat.
- I have taken part in one expedition afloat

I have instructed at least four people in four of the areas up to Stage 3.

Earned on

Stage 7

- I can take a leading part in the manual handling of a rowing boat ashore ensuring safe handling procedures.

- I can take a leading part in preparing a rowing boat for safe transportation by road including identifying a suitable trailer/ vehicle and secure the boat safely.
- I know under which circumstances different Personal Flotation Devices are appropriate.
- I can take charge of a rowing boat and carry out the required manoeuvres, including towing, to a high standard.
- I can take a leading part in selecting a good anchorage.
- I can take charge of a boat and respond efficiently to a (simulated) emergency.
- I know what lights should be shown by the most common vessels in my area and know what lights should be shown by a rowing boat.
- I know the International regulations for the Prevention of Collisions at Sea.
- I can interpret the current forecast and make sound decisions on planned activities in view of expected weather and sea conditions and tidal effects.
- I know the hazards and how the weather may affect “Restricted Waters” for my group.
- I know how to get suitable information for “Safe Enclosed” boating waters that are not my groups local waters (e.g. for camp).
- I can assist in developing a passage plan for a day trip.
- I know how to read and set a chart, plot and estimate positions.
- I have a working knowledge of GMDSS (Global Maritime Distress Safety Systems) as it applies to EPIRBs (Emergency Position-Indicating Radio Beacons) and DSC (Digital Selective Calling).
- I have taken part in ten full-day exercises afloat.
- I have taken part in one overnight expedition afloat outside my normal boating waters.
- I have instructed at least four people in at least six of the areas up to Stage 5.

Earned on

Stages 8 and 9 of the Rowing Adventure Skills are presented on page 24



Sailing

Sailing



Stage 1

- I can assist with the launch and recovery of a sailing dinghy.
- I know about the Buddy system.
- I know the importance of a personal floatation device.
- I know the correct clothing to wear when sailing.
- I can take the helm and steer a reasonably straight course.
- I know I cannot go afloat if the wind is greater than Force 4.
- I can point out the bow, stern, port and starboard of a boat.
- I know how to contact the emergency services.
- I know why it is important to stay with a capsized boat.
- I understand why I should follow directions from an instructor.
- I can show the limits of where I may go each time I go afloat for sailing.
- I know basic Sailing Theory.
- I have taken part in two half-day sailing exercises consisting of a minimum of two hours afloat.

Earned on

Stage 2

- I can assist with the rigging and de-rigging of a vessel.
- I can explain what impact I may have on local vegetation when launching and retrieving a sailing dinghy.
- I have discussed “Weil’s disease” and the precautions necessary to take part in open water activities.
- I can put on my own personal floatation device properly.
- I know why I should wear suitable footwear.
- I know basic sailing skills including what to do in the event of a capsize.
- I know Sailing theory.
- I can make a recognised distress signal and raise the alarm if I see somebody in difficulty on the water.
- I know what hypothermia is.
- I know basic collision avoidance.

- I can conduct myself in a careful and safe way in a boat and around water.
- I can get a weather forecast.
- I can tie the following knots; Round-turn-and-two-half-hitches, Figure-eight, Bowline.
- I have taken part in at least four half-day sailing activities consisting of a minimum of two hours afloat.

Earned on

Stage 3

- I can assist with rigging and de-rigging, launch and recover.
- I can put on my personal floatation device and adjust it properly.
- I know why wearing layers of clothing is a good idea.
- I know basic sailing techniques.
- I know the basics of sailing theory.
- I have taken part in a capsize drill.
- I can get into the dinghy from the water in a safe way.
- I know how to do CPR and place a victim in the recovery position.
- I know that I should follow the instructions of the person in charge of the boat.
- I understand the terms that are used in a maritime weather forecast.
- I have taken part in at least three full day sailing activities consisting of a minimum of four hours afloat.

Earned on

Stage 4

- I can assist in launching, rigging and recovering a small sailing dinghy.
- I know the main principles of “Leave No Trace.”
- I know that there are different types of Personal Flotation Device and know when and where each should be used.
- I can explain why wearing the correct outerwear is important.
- I can paddle or row a boat in a straight line.
- I can demonstrate all points of sailing with assistance as both crew and helm.

- I can help another person safely into a sailing dinghy from the water.
- I can coil a line and heave it to a casualty to affect a simulated rescue.
- I know the safety precautions required for water based activities.
- I can describe the implications of offshore and onshore winds, high winds and no winds when sailing.
- I can describe how often high and low tides take place, and the implications these might when going afloat
- I know that where I may go boating may change in different conditions.
- I have taken part in six full-day exercises afloat.

Earned on

Stage 5

- I can rig and equip a sailing boat for safe use in a variety of weather conditions.
- I can demonstrate how to manoeuvre a sailing boat as a member of the crew.
- I know the five essentials and can apply them to all points of sailing
- I can take a leading role in mooring and unmooring a sailing boat including sailing on and off the mooring.
- I can assist in the anchoring of a sailing boat.
- I can identify and name the main parts of common anchor types.
- I know why it is important to have some training in first aid and can show how to care for someone who is very cold.
- I know the parts of the International Regulations for the Prevention of Collisions at Sea that apply to my boat an local boating waters.
- I can obtain a weather forecast and know how the information might affect planned activities afloat.
- I know how currents and the ebb and flow of the tide affect my local boating waters.
- I know how to use Channel 16 on marine VHF and have an understanding of the use of distress flares.
- I have taken part in six full-day exercises afloat
- I have taken part in one expedition afloat

Stage 6

Earned on

- I can rig, de-rig, secure and care for the hull of the sailing boat that I use including using the listed control lines to set the boat up to sail efficiently upwind, downwind and on a reach demonstrating optimum sheeting.
- I can carry out the routine inspection of a personal flotation device.
- I can take the helm of a sailing boat and demonstrate how to undertake various manoeuvres, demonstrating a constant awareness and application of the five essentials.
- I know how to obtain maximum leverage when hiking or trapezing.
- I know how sails and foils work and interact to drive a sailing boat.
- I can take a leading part in anchoring a sailing boat including knowing how and when to use a tripping line.
- I know what to do if someone is caught under an inverted boat and can right an inverted boat.
- I know what causes tides and how spring and neap tides might affect sailors.
- I can recognise the main weather patterns illustrated by a synoptic chart and can interpret the forecast.
- I can identify common weather conditions and describe how they may affect boating activities.
- I am familiar with the main features of restricted waters as defined for my group.
- I know how and when to make Distress and Urgency calls and Safety Announcements on Marine VHF.
- I have taken part in eight full-day exercises afloat.
- I have taken part in one expedition afloat.
- I have instructed at least four people in four of the areas up to Stage 3.

Earned on

Stage 7

- I can take a leading part in the manual handling of a sailing boat ashore ensuring safe handling procedures including preparing a sailing boat for safe transportation by road.
- I can rig any sailing boat and identify all of the parts.
- I know under which circumstances different personal flotation devices are appropriate.
- I can take charge of a sailing boat in moderate winds and carry out all the required manoeuvres including holding a course using instruments and transits.
- I can take a leading part in selecting a good anchorage.
- I can take charge of a boat and respond efficiently to a (simulated) emergency
- I know what lights should be shown by the most common vessels in my area and know what lights should be shown by a sailing boat
- I know the International regulations for the Prevention of Collisions at Sea.
- I can interpret the current forecast and make sound decisions on planned activities in view of expected weather and sea conditions and tidal effects.
- I know the hazards and how the weather may affect “Restricted Waters” for my group.
- I know how to get suitable information for “Safe Enclosed” boating waters that are not my groups local waters (e.g. for camp).
- I can assist in developing a passage plan for a day trip.
- I know how to read and set a chart, plot and estimate positions.
- I have a working knowledge of GMDSS (Global Maritime Distress Safety Systems) as it applies to EPIRBs (Emergency Position-Indicating Radio Beacons) and DSC (Digital Selective Calling).
- I have taken part in ten full-day exercises afloat
- I have taken part in one overnight expedition afloat outside my normal boating waters
- I have instructed at least four people in at least six of the areas up to Stage 5.

Earned on

Stages 8 and 9 of the Sailing Adventure Skills are presented on page 24

The Seven Principles of Leave No Trace

1. Plan ahead and prepare
2. Be considerate of others
3. Respect farm animals and wildlife
4. Travel and camp on durable ground
5. Leave what you find
6. Dispose of waste properly
7. Minimise the effects of fire

Practising a Leave No Trace ethic is very simple:
Make it hard for others to see or hear you
and LEAVE NO TRACE of your visit.

"...the person who goes with reverent feet through the hills and valleys, accompanied by neither noise nor dust to scare away wild creatures, stopping often, watching closely, listening carefully. Only thus can they, at length, feel at one with what is, after all, their natural environment".

ROBERT LLOYD PRAEGER, 1937



Leave No Trace

Stage 8 and 9 of the Sailing,Rowing and Paddling Adventure Skill are presented below.

See also page xx,xx,xx for Stage 1-7 of each of these badges

Stage 8 Sailing

- I can take a leading part in the safe handling of a sailing boat ashore.
- I can rig any sailing boat including optimizing the rig and boat for a given set of conditions.
- I understand the different safety precautions that must be taken when a group of boats is operating together.
- I can carry out all the sailing manoeuvres in strong winds including setting up and controlling the boat while on the plane.
- I can describe how sails interact and demonstrate techniques to maximise this effect.
- I have a good understanding of the merits of different anchor types for different locations and conditions.
- I can carry out man over board and capsize drills in test conditions.
- I know what sound signals the most common types of vessel in my area should make.
- I have researched at least five pieces of weather lore.
- I am familiar with 'Day Cruising Waters' for my group
- I can use the information from a charts etc. to plan an expedition in restricted waters.
- I have an understanding of the 'capture effect' as it applies to marine VHF.
- I have taken part in ten full-day exercises afloat.
- I have taken part in an overnight expedition involving more than one boat.
- I have instructed at least four people in at least seven of the areas up to Stage 6.

Earned on

Stage 9 Sailing

- I can rig any sailing boat and identify all the parts.
- I can carry out all the sailing manoeuvres for this to a very high standard.
- I can use an outboard engine to manoeuvre a boat while in displacement mode.
- I have the skills and knowledge required to spend a night on board or camping.
- I can anchor a boat efficiently to two anchors.
- I can jury-rig a sailing boat, improvise and deploy a sea anchor and know what spares and tools should be carried aboard.
- I have completed the requirement for the Emergencies Skills Stage 7
- I know how to interact with the emergency services.
- I know what sound signals the most common types of vessel in my area should make
- I can identify the type aspect and behaviour of vessels by day or night from lights, shapes and sounds.
- I know the procedure for entry to and departure from a harbour and understand the requirement to file a passage plan under SOLAS regulations.
- I can complete a rough synoptic chart from a maritime weather forecast or similar data and use this information to make sound decisions on planned activities in view of expected weather and sea conditions.
- I am familiar with any local rules and bylaws that apply to Day Cruising Waters for my group.
- I can devise a pilot/passage plan and programme that plan into a GPS.
- I have taken part in ten full-day exercises afloat.
- I have taken part in an overnight expedition in coastal waters.
- I have instructed at least four people in at least five of the areas up to Stage 8.

Earned on

Stage 8 Rowing

- I can take a leading part in organising the off-season storage of rowing boats.
- I understand the different safety precautions that must be taken when a group of boats is operating together.
- I have a good understanding of the merits of different anchor types for different locations and conditions .
- I know what sound signals the most common types of vessel in my area should make.
- I have researched at least five pieces of weather lore.
- I am familiar with 'Day Cruising Waters' for my group
- I can use the information from charts etc. to plan an expedition in restricted waters.
- I have an understanding of the 'capture effect' as it applies to marine VHF.
- I have taken part in ten full-day exercises afloat.
- I have taken part in one overnight expedition involving more than one boat.
- I have instructed at least four people in at least seven of the areas up to Stage 7.

Earned on

Stage 9 Rowing

- I can anchor a boat efficiently to two anchors.
- I can improvise and deploy a sea-anchor and know what spares and tools should be carried aboard.
- I have completed the requirement for the Emergencies Skills Stage 7
- I know how to interact with the emergency services.
- I can identify the type aspect and behaviour of vessels by day or night from lights, shapes and sounds.
- I know the procedure for entry to and departure from a harbour and understand the requirement to file a passage plan under SOLAS regulations.
- I can complete a rough synoptic chart from a maritime weather forecast or similar data and use this information to make sound decisions on planned activities in view of expected weather and sea conditions.
- I am familiar with any local rules and bylaws that apply to Day Cruising Waters for my group.

- I can devise a pilot/passage plan and programme that plan into a GPS .
- I have taken part in ten full-day exercises afloat.
- I have taken part in an overnight expedition in coastal waters.
- I have instructed at least four people in at least five of the areas up to Stage 8.

Earned on

Stage 8 Paddling

The Scout must successfully explain and demonstrate all techniques and skills at a level higher than that required for the Stage 7. This includes previous paddling strokes learnt.

- I can demonstrate High recovery, Sculling for support, Sculling draw, Draw stroke, Hanging draw, strokes.
- I can use water conditions available for the effective and efficient maneuvering of a kayak.
- I can competently negotiate water obstructions i.e. Standing Waves, Stoppers, and an ability to utilize it to cross a river.
- I can negotiating bends where water flows under trees or against vertical riverbank.
- I can demonstrate the following strokes Forward ferry gliding (facing upriver), Reverse ferry gliding (facing downriver).
- I can demonstrate Breaking in accurately, Breaking out accurately.
- I can demonstrate that I am capable of self-rescue.
- I can demonstrate a curl rescue and/or TX rescue, and Stern carry.
- I can assist an unconscious casualty (method of righting an unconscious person in a capsized kayak)
- I can maneuver an empty kayak between two specified points.
- I can assist an incapacitate paddler in a kayak between two specified points.
- I can demonstrate how to use a throw rope to rescue a swimmer and have a practical knowledge of First Aid.
- I know about river grading, river route finding, types of GP kayaks and paddles, towing systems and methods, group control and awareness, signals and commands, personal equipment.

Earned on

Stage 9 Paddling

- I can demonstrate all techniques and skills at a level higher than that required for the stage 4 and at a standard necessary to deal competently with conditions likely to be encountered on Grade 4 and advanced White Water Rivers.
- I can demonstrate a thorough knowledge of safety precautions and procedures to be adopted while with a group on Grade 4 and advanced White Water Rivers.
- I can demonstrate an ability to assess a group's competence to deal with conditions likely to be encountered on Grade 4 and advanced White Water Rivers.
- I can demonstrate an ability to command trust from a group of peers while on rivers of Grade 4 & advanced white water.
- I can demonstrate the necessary skills to communicate effectively with other group members on Grade 4 and advanced white water rivers.
- I can deal efficiently with rescue situations likely to occur on Grade 4 and advanced White Water rivers.
- I can demonstrate a constant awareness of other group members, their location on the river and within the group.
- I can demonstrate a sufficient knowledge of the river's environs.
- I can demonstrate an ability to read white water to a high standard.
- I can present a suitable and correctly fitted out kayak and other appropriate equipment. It would be expected that a candidate's equipment be of a standard consistent with the responsibilities of being part of a group undertaking a trip on a Grade 4 and advanced White Water River.

Earned on