

ROEBUCK EXPLORER SCOUT UNIT

# Nautical Skills

## Badges





## **Nautical Skills Badge**

- Swim 50 metres and stay afloat for five minutes.
- Explain the safety rules that apply to boating and the effects of winds, tide and current.
- Explain the difference between a buoyancy aid and a life jacket. Adjust one to fit and wear it to enter the water from a height of one metre.
- Row a dinghy single-handed and carry out basic manoeuvres.
- Have some knowledge of rescue by boat or canoe and be able to carry out a rescue exercise.
- Heave a lifeline ten metres to land within one metre of a casualty.
- Know the steering and sailing rules and apply these to craft being used.
- Have a knowledge of pilotage, navigation lights, sound signals, tides, currents and eddies appropriate to your local waters.
- Know how to get local weather forecasts, understand their importance and be able to recognise signs of changing weather.
- Take part in an expedition by water lasting at least 24 hours.
- Choose one of the following activities:-
  - Gain the RYA Level 2 Dinghy Sailing Award
  - Take charge of two other people in a sailing boat and demonstrate crew management and a range of sailing skills underway. These should include launching and recovery, getting underway, coming alongside, tacking and gybing, man overboard, picking up a buoy, anchoring and capsize recovery.
  - Achieve a Scout Association Water Activities Authorisation
- Gain one of the following awards.
  - BCU 3 Star Test
  - RYA Level 3 Dinghy Sailing Award
  - RYA Competent Crew Certificate
  - RYA Windsurfing Scheme Level 2
  - RYA Inland Waterways Helmsman Certificate
  - RYA Powerboat Level 2 Certificate
- Demonstrate a capsize drill in a sailing dinghy.
- Under sail, demonstrate a man overboard drill using a suitable object.
- Demonstrate an understanding of the International Regulations For Preventing Collisions At Sea.
- Know the Beaufort Wind Scales.
- Make an eye splice, a short splice and a back splice.
- Keep a log of the water activities undertaken.



## **Advanced Nautical Skills Badge**

- Gain the Nautical Skills Badge
- Pass a message to another boat or ashore by radio signal using the correct procedures.
- Demonstrate a good working knowledge of charts including projection, datum and symbols used.
- Know the activity rules for expeditions as laid down in *Policy, Organisation and Rules*.
- With at least three friends, take charge of an expedition on the water lasting two days and one night. At least twelve hours of the expedition is to be spent under way.
- Achieve one of the following:-
  - Gain the RYA Competent Crew Award or have logged seven days as a useful member of an offshore sail or power cruising vessel.
  - Gain the RYA Level 3 Dinghy Sailing Award or demonstrate skills to an equivalent level of skill.
  - Gain the RYA Level 2 in Powerboating.
- Gain one of the following awards:-
  - BCU 4 Star Test
  - BCU Safety Test
  - RYA Level 4 Dinghy Sailing Award
  - RYA Day Skipper Award (Practical)
- Be able to interpret a weather map and identify at least two natural signs for weather changes in your area. Set up a simple weather station and keep a logbook of your recordings for a month.
- Know the sound signals used by powered vessels underway and at anchor. Know the navigation lights carried by different types of vessels. Identify at least five different types from the lights displayed.
- Demonstrate the use of tide tables and tidal stream atlases.
- Participate in an efficient all-in rescue.
- Keep a log of water activities undertaken.