

Overview

This standard is about the knowledge, understanding and skills required to lead a sea school programme. This is usually a structured programme delivered using the marine environment as a setting to engage learners in outdoor activities using an area of shoreline.

You will require a sound knowledge and understanding of the techniques used to engage learners in the sea school concept as well as a similar sound knowledge and understanding of marine conservation. These will range from use of appropriate personal protective equipment (PPE) to shelter building, knot tying and fire lighting as well as the tides, marine plants, algae and animals.

The essential backdrop to this standard is the requirement to be able to clearly convey the need to control the environmental impact in the context of the fragile marine environment.

Performance criteria

You must be able to:

- P1 select and use personal protective equipment (PPE) for self and learners during sea school delivery
- P2 maintain, check, clean and store all equipment
- P3 demonstrate the tying and use of knots for sea school activities erect a
- P4 useable, safe, temporary shelter in a coastal location demonstrate the
- P5 safe management of a fire including location, lighting, extinguishing and leaving the site, fuelling and sitting around the fire, in accordance with local by-laws
- P6 demonstrate how to use a fire to cook food using different combustible materials
- P7 demonstrate how to catch fish using a hook and line and prepare the catch for eating
- P8 demonstrate the safe use of the marine environment including awareness of tides, winds, flags, outflow pipes and buoys
- P9 demonstrate responsible and sustainable use of the marine environment
- P10 demonstrate how to temporarily capture, observe, record and return marine organisms
- P11 apply the sea school concept to individuals with learning challenges
- P12 conduct, record and apply risk assessments
- P13 work within legislation and guidelines
- P14 establish the need for, and evaluate, the activity
- P15 demonstrate how to observe the sea and how to record and report observations
- P16 ensure that environmental and health and safety policies and risk assessment requirements are put into practice across your area of responsibility

Knowledge and understanding

You need to know and understand:

- K1 the importance of PPE when running a sea school programme
- K2 how to match PPE to purpose
- K3 how to select, use, maintain and store equipment safely
- K4 the uses of different types of knots and how to demonstrate these
- K5 how to build a useable and safe temporary shelter
- K6 how to build and manage a fire and the local by-laws which may affect this
- K7 the use of a hook and line to catch fish and how to demonstrate this
- K8 how to recognise fish which are suitable for eating and how to demonstrate preparation of fish
- K9 how to cook fish using a fire and how to demonstrate this
- K10 the importance of learners knowing about tides, winds, flags, outflow pipes and buoys
- K11 the importance of demonstrating responsible and sustainable use of the environment to learners
- K12 how to treat and observe live specimens and how to demonstrate this
- K13 how to observe the sea and how to demonstrate this
- K14 how to record and report observations
- K15 the sea school concept
- K16 how to conduct and apply risk assessments
- K17 your responsibilities under current environmental and health and safety legislation, codes of practice and organisation policies

Glossary

Observe the sea using:

- snorkel
- canoe
- nets
- binoculars

Coastal location:

- on the shore
- where land meets the sea
- contiguous habitat

Combustible materials:

- driftwood
- charcoal
- dry seaweed
- vegetable material

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