

Undersea explorers KS2



Session Overview and Learning Objectives

Your school must have a swimming pool on site for this session to take place, OR a suitable agreement with a local swimming pool. Suffolk Wildlife Trust is not responsible for the acquiring a swimming pool for the session(s).

This programme is an exciting way to learn species identification, surveying skills and to understand the importance of marine conservation, particularly in the North Sea. Learn how to use a snorkel and water safety skills.

Session Summary

- This session is suitable for one class at a time of up to 15 pupils
- It will last up to 70 minutes
- Required ratio – 1 adult:3 pupils (please note school is to provide a minimum of 3 volunteers to lead groups in the water alongside SWT staff)

We will provide rash vests, snorkels and flotation devices. **Please ensure all children have individual swimming kits.**

Session Outline

Time	Location	Activity
10 minutes	Poolside	Welcome, introduction and general H&S brief
15 minutes	Poolside	Rash vests and buoyancy aids (where applicable) are distributed. Class split into groups and allocated instructors. Health and Safety briefing including safe pool entry procedure
15 minutes	In the pool	Snorkel Skills <ul style="list-style-type: none">• Check fitting of masks and mask seals• Demonstrate and practice snorkel skills (OK, up, down, stop, & look at...)• Demonstrate and practice breathing through snorkel with face in water• Demonstrate and practice blow clearing of snorkel
15 minutes	In the pool	Snorkel Safari <ul style="list-style-type: none">• Snorkel around the pool to spot sea creatures
15 minutes	In the pool	Snorkel Survey <ul style="list-style-type: none">• Discuss differences between two halves of the pool (MCZ versus half with no protections)• Survey technique explained - Group split into pairs and undertake survey using dive slate
15 minutes	In the pool	Litter Pick relay <ul style="list-style-type: none">• Litter pick relay of different plastic items

		<ul style="list-style-type: none"> • Discussion – impacts of plastic pollution
5 minutes	Poolside	Plenary, exit pool and return equipment.

Learning Objectives

All will have the opportunity to explore a modelled area of high marine species diversity and one of poor marine species diversity and litter

All will learn how to use a snorkel

All will understand the importance of marine conservation in the North Sea

All will understand the importance of not littering.

Links to the national curriculum

The following bullet points are extracted from the national curriculum:

Swimming and water safety

- swim competently, confidently and proficiently over a distance of at least 25 metres.

KS2 Science Years 3 and 4:

Working scientifically pupils should be taught to use the following practical scientific methods, processes and skills:

- making systematic and careful observations
- gathering, recording, classifying
- identifying differences and similarities.

Year 4: Living things and their habitats pupils should be taught to:

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things.