

TEACHER NOTES

Science: Biology

Living Things and their Habitats



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Contextual Summary

This resource is for students in key stage 2.

It links to the 'Living things and their Habitats' part of the Science National Curriculum.

Students will be identifying species that live in or around the Solent.

Task Implementation

This is a on-site and post-visit resource, designed around the students' ferry journey to the island.

Students will identify any species they see, and then complete follow-up research.

It would be useful if students had previous knowledge of marine species.

It would also be useful if students know how to characterise differed features to aid identification etc.

Ability Levels

There are four variants of this resource for students of higher and lower ability in both lower and upper key stage 2.

Teachers can support as necessary, and students could work in mixed ability groups to support each other, particularly in the post-visit.

Key skills practised in this unit:

- ▶ Understanding that organisms can be grouped in a variety of ways
- ▶ Recognising different characteristics that aid in identification
- ▶ Classifying different organisms into groups.

Relationship to Curriculum

This resource links to the required teaching as specified by the National Curriculum 2014 for Science at key stage 2.

SUBJECT
Science: Biology
UNIT
Living Things & their Habitats
OPPORTUNITIES FOR USE
✗ Pre-Visit
✓ On-Site Activity
✓ Post-Visit
CURRICULUM / SYLLABUS
✓ National Curriculum 2014
✓ Curriculum for Excellence

Applies to Resources numbered:					
1	0	7	0	2	1
1	0	7	0	2	2
1	0	7	0	2	3
1	0	7	0	2	4

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P4-P7

Learning Opportunities

On-Site and Post-Visit

- ▶ Students work individually, in pairs, or small groups.
- ▶ They will be using scientific terms to describe their observations.
- ▶ Students should ask their own questions about what they observe and make some decisions about which types of scientific enquiry are likely to be the best ways of answering them.
- ▶ Students complete the Science resource linked to this teacher note:

Resource ID:

107021 (KS2L low-mid ability)

107022 (KS2L mid-high ability)

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Enrichment Opportunities

- ▶ Students are able to find answers to scientific questions, as seen on their ferry journey.

Learning Outcomes

- ✓ Students recognise that living things can be grouped in a variety of ways.
- ✓ They will name a variety of species that can be found in the local and wider environment.
- ✓ Students will recognise that environments can change and that this can sometimes pose dangers to living things.

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