

TEACHER NOTES

Science: Biology

Living Things & their Habitats (Classifying Organisms)

Contextual Summary

This resource links to the National Curriculum for Science, (*recognise that living things can be grouped in a variety of ways; classification*). This on-site science activity enables students to work scientifically in observing and grouping living things (animals and plants) at Robin Hill Country Park.

This resource engages students with specific elements of their visit, linking their learning to the curriculum; they will gain knowledge from their general engagement with the natural environment at Robin Hill and practise their scientific skills, identifying types of animal and plant

and grouping them as appropriate based on certain characteristics. The task is designed to be applied to the following supply pages.

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This is an on-site activity. It would be useful if students had had previous discussions about classification. It would also be helpful preparation for students to know how different characteristics of plants and animals can be used to help classify them, before their visit to Robin Hill Country Park.

Students will identify living things within their habitat at the Robin Hill Country Park, and will use specific characteristics to sort those they see or encounter into their appropriate group.

This resource is designed to enhance the visit experience and to engage students with the Robin Hill environment and the rich and diverse habitat there.

Ability Levels

This resource is suitable for students in upper key stage 2.

There are 2 variants of the resource: one resource for lower ability students and one resource for higher ability students.

Teachers could adapt the content for students' needs by simplifying instructions where appropriate, or adding more complex tasks.

Key skills practised in this unit:

- ▶ Students will describe how living things are classified that include animals and plants
- ▶ They should be able to use commonly observed characteristics based on similarities and differences to classify organisms found.

Relationship to Curriculum

The above skills are required to be taught and practised as per the National Curriculum, for key stage 2 Science, and the Curriculum for Excellence.



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SUBJECT

Science: Biology

UNIT

Living Thing & 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 5 1 1 1
1 0 5 1 1 2

Learning Opportunities

Pre-Visit

- ▶ Students should have had some previous discussions about classification and grouping of living organisms.

During the Visit

- ▶ Students complete the Science resource/s linked to this document: *Classification Challenge!*

Resource ID: **105111** (KS2U lower ability) **105112** (KS2U higher ability)

- ▶ Students work individually, in pairs, or small groups, using characteristics to group organisms accurately.

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Enrichment Opportunities

- ▶ Students use first hand observations to enhance their learning.

Learning Outcomes

- ✓ Students recognise that living things can be grouped in a variety of ways.
- ✓ Students name a variety of things that can be found in the local and wider environment.
- ✓ Students will be able to perform simple classification of plants and animals based on observations.

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