

TEACHER NOTES

Science: Biology

Animals - Bird Biology



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ROBIN HILL
COUNTRY PARK

Contextual Summary

This resource links to the National Curriculum for Science, (*recognise that living things can be grouped in a variety of ways*). This on-site science activity enables students to work scientifically in observing and collecting data and information about birds of prey at Robin Hill Country Park. They will use scientific terminology to explain and describe their findings.

This resource engages students with specific elements of their visit, linking their learning to the curriculum; they will gain knowledge from the Owl Show and Falconry Display and can then explore this

information scientifically (either on-site or in the classroom later). The task is designed to appeal to students in lower key stage 2.

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This is an on-site activity which could also be used as a follow-up resource instead, if desired. Ideally, students have learned some basic aspects about birds of prey and their varying physical characteristics before their visit to Robin Hill Country Park.

Students will experience both the Falconry Display and the Owl Show and then respond to questions in the quiz and scientific question table. They will identify the features of birds of prey, and differentiate between them.

It is anticipated that students will have an enriched experience as the environment and first-hand experience in observing birds of prey, their behaviour, and characteristics, makes the task more relevant and enhances learning.

Ability Levels

This resource is suitable for students in lower 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 explore ways of grouping a selection of living things
- ▶ Students will make accurate observations
- ▶ Students will use scientific terminology to describe their findings.

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.

SUBJECT
Science
UNIT
Biology: Animals
OPPORTUNITIES FOR USE
✗ Pre-Visit
✓ On-Site Activity
✓ Post-Visit

CURRICULUM / SYLLABUS
✓ National Curriculum 2014
✓ Curriculum for Excellence

Applies to Resource numbered:

105061
105062

Learning Opportunities

Pre-Visit

- ▶ Students should have had some previous discussions about different birds of prey.
- ▶ It would also be useful if students know about different features, such as beak, eyes, talons, etc.

During the Visit

- ▶ Students visit the Falconry Display and the Owl Show.
- ▶ Students complete the Science resource/s linked to this document: *Bird Biology!*

Resource ID: **105061** (KS2L lower ability) **105062** (KS2L higher ability)

- ▶ Students can work individually, in pairs, or small groups, using scientific terms to describe their observations.

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- ▶ Students use scientific knowledge and understanding to explain their findings.
- Curriculum relevant materials supporting school trips to the Isle of Wight

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Post Visit

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- ▶ (Optional) The table section of the resource on page 3 could be completed post-visit back in the classroom, and could form the beginning of a larger research project into birds of prey in the UK and their characteristics.

Enrichment Opportunities

- ▶ Students gain real life experience in using the scientific skills they have begun to learn in the classroom, thereby encouraging an awareness of subject and skill relevance.
- ▶ The first-hand experience in observing birds of prey, their behaviour, and characteristics, makes the task more relevant and enhances learning.

Learning Outcomes

- ✓ Students will recognise that living things can be grouped in a variety of ways.
- ✓ Students will be able to name birds of prey that can be found in the local and wider environment, and their features.

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