

TEACHER NOTES

Science: Biology

Living Things and Their Habitats: Life Cycles

Contextual Summary

This resource is for students in lower key stage 2 and relates to the 'Biology' part of the Science National Curriculum, focusing on life cycles.

The pre-visit task introduces students to the changes that occur during the growing up process. This leads into the concept of life cycles. The on-site task relates the animals students will observe at Tapnell Farm Park to the concept of different stages within a variety of life cycles.

Tasks are designed to appeal to students in lower key stage 2.

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Task involves using curriculum relevant materials supporting school trips to the Isle of Wight

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into an order of 'growing up'. Cards are then placed onto a piece of plain paper in a circle shape and arrows are drawn between each card to form a life cycle.

card to form a life cycle.

The on-site task focuses on the observation of different animals and to identify different stages of the life cycles. The task involves students observing an animal and identifying its stage of life cycle shown on the worksheet. Students will observe different animals and completing the life cycle worksheets for a range of different animals.

The pre-visit aspects of this task enables students to work together in small groups or individually to produce life cycles. The on-site resource is designed to be completed individually during the trip to Tapnell Farm Park.

Ability Levels

There is one mixed ability resource provided.

Key skills practised in this unit:

- ▶ Working scientifically
- ▶ Observation of various characteristics
- ▶ Recording observations.

Relationship to Curriculum

These skills are required to be taught and practised as per the National Curriculum / Curriculum for Excellence, for key stage 2 science, specifically: Biology: Living Things & Their Habitats - Life Cycles of animals and plants



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TAPNELL
FARM PARK

SUBJECT

Science - Biology

UNIT

Life Cycles

OPPORTUNITIES FOR USE

- ✓ Pre-Visit
- ✓ On-Site Activity
- ✗ Post-Visit



✗ Perinheral Task



P4-P5

CURRICULUM / SYLLABUS

- ✓ National Curriculum 2014
- ✓ Curriculum for Excellence

Applies to Resource numbered:

152081

Learning Opportunities

Pre-Visit

- It is suggested that students carry out the pre-visit tasks which introduce the sequence of an animal's life, leading onto the concept of life cycles.

Resource ID: **152081** (KS2L mixed ability)

During the Visit

- Students complete the activities in the resources linked to this document: *Learn About Life Cycles!*

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- Students will develop their observational skills.
- By completing their worksheets students are practising recording their observations.

Learning Outcomes

- ✓ Students will be able to order cards in a correct chronological order.
- ✓ Students will record their observations.
- ✓ Students will be able to identify different stages of a life cycle.
- ✓ Students will demonstrate an understanding that all living things have their own life cycle.

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