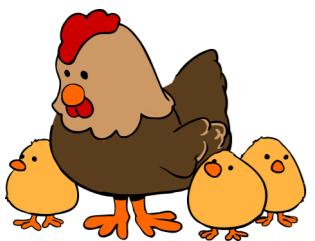


Curriculum Knowledge Organiser

Year Four, Science: Living Things and their Habitats —Knowledge



WOW EVENT

Science: identify and describe different habitats

Science: observe the life cycle of a chicken

Science: identify and name living things in the local environment

Year Four, Science: Living Things and their Habitats —Skills

Science: recognise positive and negative changes to the local environment

Science: recognise the impact that environmental change has on animals

What living things are in our local environment?



Rainforest



Woodland

Our local environment is **woodland**.

We should be able to find:

- Insects like spiders and ladybirds
- Trees like sycamore and oak
- Animals like squirrels and birds



Desert

Under the sea



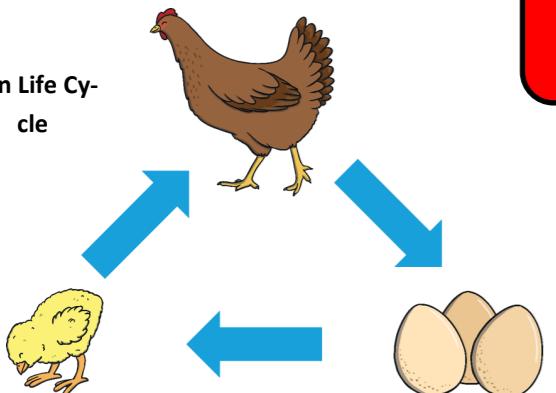
Arctic

ENDANGERED SPECIES

A species is a life form such as animals, trees and plants.

An endangered species is one that is at risk of becoming extinct—there would be no more of its kind alive on the earth.

Hen Life Cycle



Previous Learning (this should be checked at start of topic)

- Year 1—Animals including humans: naming and grouping animals
- Year 2 living things and their habitats: identifying variety of habitats and that animals and plants that are within them

Positive environmental changes

- Reduce, reuse, recycle to stop using world resources
- Save energy by reducing electricity use
- Support Wildlife charities

Negative environmental changes

- Deforestation—chopping down trees to use the land for building or farming
- Pollution
- Urbanisation—building on an animal's natural habitat

Subsequent Learning

- Year 5—Observe life-cycle changes in a variety of living things
- Year 6—use the local environment to classify animals and plants

Skills	Teaching Strategies
Understand what a habitat is. Identify different habitats around the world. Identify and describe the habitat of a chicken.	Habitat matching challenge—what animals live where and how do you know? Introduce the chicks and incubator to the children. Identify what habitat the chickens would be in.
Identify and describe the three stages of a chicken's life cycle.	Create a flow diagram of the different parts of a chicken's life cycle from egg to chick to chicken.
Identify what our local habitat is. Identify living things in the local environment.	Nature walk scavenger hunt to identify local animals, nature and wildlife.
Identify how environments change. Identify the human impact on environments.	Define key vocabulary around human impact (deforestation, pollution, urbanisation). Explain positive and negative impact that humans can have on their environment.
Describe environmental dangers. Identify and recognise endangered species.	Define key term—endangered species. Create a fact file about endangered species looking at human impact and related facts.

Outdoor Learning

- Caring for chickens outside the year 3/4 classroom
- Nature scavenger hunt

Relevant Texts

- Fly, Eagle, Fly! By Christopher Gregorowski
- A Kid's Guide to Keeping Chickens by Melissa Caughey