



Shadsworth Junior School



Curriculum

Year 4 Scheme of Work

Term: Summer 1 & 2

Topic: Science: Plants and Animals

Key Skills and Knowledge:

Living Things and Their Environment

Recognise that living things can be grouped in a variety of ways.

Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.

Recognise that environments can change and that this can sometimes pose dangers to living things.

Working scientifically:

Asking relevant questions and using different types of scientific enquiries to answer them; making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers; gathering, recording, classifying and presenting data in a variety of ways to help in answering questions; reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.

Reading and Writing Opportunities (Long and Short Activities)

Creative Ideas and Hooks

Branching database for classifying plants and animals in the local environment. Birds, trees, flowers, insects, deer

Learning Challenge Question "Which wild animals and plants thrive in our local environment?"

Write a letter to the local council about cleaning up the environment and keeping it clean.
Keep Shadsworth tidy #litterheroes

Cleaning up the environment, weeding the memorial garden, litter picking in the community.

Use the MRS GREN acronym for all living things.

Links to PSHCE, Equality and British Values Work

Mackenzie's memorial garden in the school grounds (therapeutic and calming)
Gardening can bring everyone together, working together. All ages, all abilities, all genders and all races.
Protecting the environment, respecting the environment.

Key Vocabulary:

Species, wild flower, classification system, endangered animals and plants, environment, habitat, locality, seasons, ecosystem.

Resources Available / Visits/Visitors

Text – The Promise by Nicola Davis.
Class books and PowerPoint.

Opportunities for learning outside the classroom.

Forest School with Mr Marsden

Useful Websites:

<https://www.bbc.co.uk/education/clips/zgn79qt>

<https://youtube.com/watch?vL2rF8JHU>

Previous Knowledge:

Animals, including humans, have offspring which grow into adults know the basic needs of animals, including humans, for survival (water, food and air)
Know the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant