



WEMBLEY PRIMARY SCHOOL CURRICULUM 2023 – 2024

SCIENCE OVERVIEW

	AUTUMN 1 ST HALF	AUTUMN 2 ND HALF	SPRING 1 ST HALF	SPRING 2 ND HALF	SUMMER 1 ST HALF	SUMMER 2 ND HALF
EYFS	To make observations of animals and explain why some things occur and talk about changes - Animals Including Humans - Senses	To make observations of plants and explain why some things occur and talk about changes - Seasons	To make observations of plants and explain why some things occur and talk about changes – Plants - Potatoes	To make observations of animals and explain why some things occur and talk about changes – Animals Including Humans - Butterfly Lifecycle	To make observations of plants and explain why some things occur and talk about changes - Seasons	To know about similarities and differences in relation to places, objects, and materials – Materials - floating and sinking
YEAR 1	Our Changing World Plants – lesson 6 planting flower bulbs & Our Changing World Seasons – lesson 6 seasonal walk & Using Our Sense Animals Including Humans	Everyday Materials	Our Changing World Plants – observing plants grown & Our Changing world Seasons Lesson 1 - observe winter changes & Our Changing World Animals Including Humans Lesson 1 & Lesson 2 (how many birds visit our bird station, big garden birdwatch 26.01.24) & Animal antics Animals Including Humans Lesson 4 – Comparing birds (Need to do a lesson on identifying birds first – secondary sources.)	Looking at Animals Animals Including Humans & Our Changing world Seasons Lesson 6 - observe changes in Spring	Our Changing World Plants – lesson 4 - observe growth of bulbs planted & Plant Detectives Plants – Lessons 1 - 6	Our Changing World Plants /Plant Detectives & Our Changing World Seasons & Everyday Materials & Looking at Animals/ Our Changing World Animals Including Humans
YEAR 2	Take Care Animals Including humans. & Our Changing World Plants – Lesson 5 – planting vegetable bulbs and seeds	Shaping Up Materials Lessons 1 - 4 & Our Changing World Habitats & Our Changing World – Plants Lesson 5 – Observing plants over time	Our Changing World – Plants Lesson 5 – Observing plants over time & Plant detectives Plants Lesson 1 – 4	Growing Up Animals Including humans. Lesson 1 – 5 & Our Changing World Plants, Habitats	Our Changing World - Plants & Growing Up - Animals Including humans. Lesson 1 – Animal Life cycles – are they all the same? Lesson 2 – Frog Life cycle	Our Changing World Plants & Good Choices Materials & Our Changing World - Habitats Assessment – address any gaps in knowledge and skills
YEAR 3	Amazing bodies Animals, including humans Skeletons and Movement Nutrition and diet	Amazing bodies Animals, including humans Sustainability Food waste	Rock Detectives Rocks Rocks, Fossils and Soils	Can you see me? Light	How does your garden grow? Plants & Biodiversity	The power of Forces Forces & Magnets

YEAR 4	Who am I? Group and classify living things Data collection A	In a state States of Matter	Good Vibrations Sound & Data Collection B	Switched On Electricity & Sustainability - Energy	Human Impact Data collection C Habitats Sustainability – Deforestation	Where does all the food go? The Digestive System Food Chains
YEAR 5	Feel the force Forces	The Earth and Beyond Space Sustainability – Global Warming	Get sorted & everyday Materials Properties of materials	Circle of Life Animals including humans Lifecycles	Reproduction in plants and animals Reproduction A – Sexual and Asexual Compare reproduction in animals Marvellous mixtures & All change Reversible and Irreversible changes	Sustainability – Plastic pollution Reproduction B – Answer questions, present finding and evaluation
YEAR 6	The nature library Living things and their habitats	Danger low voltage Electricity Sustainability – Renewable energy	Body Pump Animals, including humans The Circulatory System	Body Health Animals, including humans Diet, drugs and lifestyle	Light up your world Light & Sustainability – Light pollution	Everything changes Evolution Variation, adaptations and fossils

Half termly weeks

Autumn 1 – 7 weeks

Autumn 2 – 7 weeks

Spring 1 – 5 weeks

Spring 2 – 6 weeks

Summer 1 – 6 weeks

Summer 2 – 7 weeks

Key to understand KS2 overview

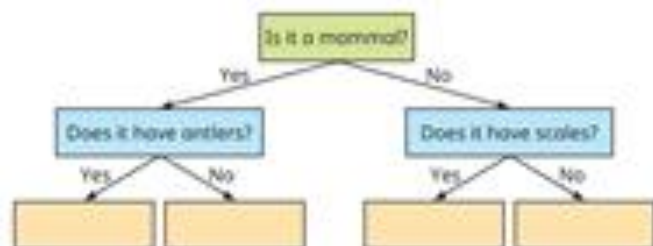
- Red – Snap Science topics
- Blue – White Rose Science small steps

- Create a large-scale classification key in the playground.

Children can each have a picture of an animal on a sheet of paper.



Adults can facilitate the questions to allow children to move down the classification key answering "yes" or "no" to the questions.



This could also be completed using hula hoops and string to represent the classification key.