Road Map

Science

YEAR 6

- **Animals Including Humans** – The circulatory system and drug use
- **Evolution and Inheritance** – Adaption, evolution and selective breeding
- **Electricity** – Changes in circuits, electricity and the environment
- **Living things and their habitats** – Classification and micro-organisms
- **Let it Shine** – Reflective surfaces and the splitting of white light
- **Earth & Space** – The solar system, earth and moon
- **Life Cycles** – Reproduction in plants, life cycles and endangered species.

High School READY

YEAR 5

- **Let's Get Moving** – Friction, gravity, air and water resistance
- **Plants** – Reproductive cycle of a plant
- **Materials** – Material properties, mixtures and solutions
- **Animals Including Humans** – The digestive system and teeth
- **States of Matter** – Water cycle, temperature changes to water
- **Electricity** – Circuits, conductors and insulators

YEAR 4

- **Good Vibrations** – Vibrations and how the ear works
- **Habitats** – Adaptions and food chains
- **Rocks and Soil** – Types of rock, soil, fossils
- **Forces and Magnets** – Types of forces, magnets and how they work

YEAR 3

- **How Does Your Garden Grow?** – Photosynthesis and plant life cycles
- **Light and Shadow** – Sources of light and mirrors
- **Amazing Bodies** – Skeletons and muscles
- **Materials** – Identifying materials and their uses
- **Take Care** – Importance of healthy diet, exercise and hygiene for humans
- **The Apprentice Gardener** – How seeds and bulbs grow into plants and what a plant needs.

YEAR 2

- **Growing Up** – What happens to animals over time, name different animals and their young, what animals need to survive.
- **What's in your Habitat?** – Living things, habitats and life processes
- **What do different animals eat?** – What animals eat and their habitats
- **All About Me** – The human body and the senses

YEAR 1

- **Plant Detectives** – Naming plants and the structure of a plant
- **Everyday Materials** – Naming materials and their properties
- **Seasons** – Seasonal changes

EYFS

In the Early Years Foundation Stage, children begin to show an understanding and curiosity about the world around them. They explore the impact of healthy eating and exercise, begin to observe living things and their environments and notice patterns, similarities, differences