



Tatworth School Science Roadmap

EYFS
Understanding the world:
Natural World – Big ideas of identifying/ grouping/ cause and change. Seasons

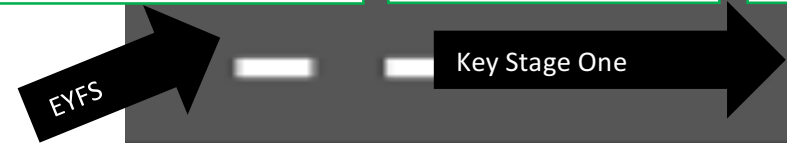
Autumn Year 1
Biology – Common plants and trees tier 1. Animal groups tier 1
Chemistry – Materials and properties tier 1
Physics - Seasons

Spring Year 1
Biology – Common plants and trees tier 2. Animal groups tier 2
Chemistry – Materials and properties tier 2
Physics - Seasons

Summer Year 1
Biology – Flowering plants. Human body and senses.
Chemistry – Materials and properties tier 3
Physics - Seasons

Autumn Year 2
Biology – Habitats and animal needs.
Chemistry – Comparing materials
Physics – Push forces

Spring Year 2
Biology – Plants seeds and bulbs. Habitats. Human needs
Chemistry – Changing shape of materials
Physics – Pull forces

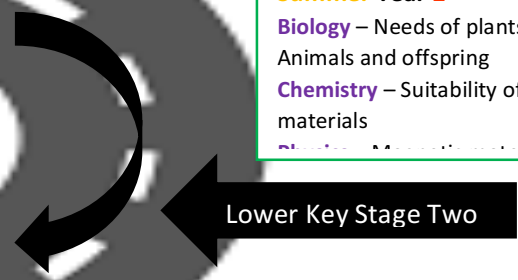


Summer Year 3
Biology – Plants requirements. Flowering plant life cycle.
Chemistry – Rocks, fossils and soils
Physics – Intro to Earth and space

Spring Year 3
Biology – Human nutrition. Animal skeleton and movement
Chemistry – Materials and light
Physics – Light

Autumn Year 3
Biology – Plants structure and function. Seed dispersal
Physics – Contact and non- contact forces

Summer Year 2
Biology – Needs of plants. Animals and offspring
Chemistry – Suitability of materials

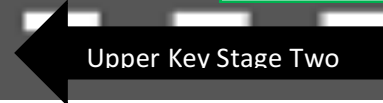
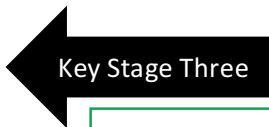


Autumn Year 4
Biology – Classification
Chemistry – States of matter tier 1
Physics - Electricity

Spring Year 4
Biology – Animal digestion and teeth
Chemistry – States of matter tier 2
Physics - Sound

Summer Year 4
Biology – Environmental change and food chains.
Chemistry – States of matter tier 3

Autumn Year 5
Biology – Life cycles
Chemistry – Material properties
Physics – Earth and Space. Forces – gravity



Summer Year 6
Biology – Evolution, inheritance and adaptation. Sexual education
Science project

Spring Year 6
Biology – Respiration and circulatory system. Diet, drugs and exercise
Chemistry – states of matter
Physics – Electricity

Autumn Year 6
Biology – Classification
Chemistry – metals
Physics - Light

Summer Year 5
Biology – Human development.
Chemistry – reversible and irreversible reactions
Physics - mechanisms

Spring Year 5
Biology – Life processes of plants and animals
Chemistry - Changing materials
Physics - Forces

