# Sounds Spectacular

Vibration, insulation, pitch and volume.

#### What's the Matter?

States of matter, evaporation and condensation the water cycle.

### A Feast of **Flowers Fruit** and Seeds

Pollination, parts of a flower and seed disperssl

## Forces and **Magnets**

Friction, pushes and pulls. Magents attracting and repelling. Poles. Lines fo force

### **Fit for Success**

Healthy choices, diet, food groups and exercise.

### A World of Living **Things**

Birds, mammals, invertebrates, reptiles, amphibians and plants!

KS2

(Living Things and their Habitats) - Habitats and Homes -

Micro-habitats, Farming and Harvest

(Plants) - Art and Nature -

Looking closely; Garden creatures

(Seasonal Changes) - Wild Weather

(Everyday Materials) -**Exploring Changes -**

Changing State; Solids, Liquids and Gases

(Everyday materials) - Brilliant **Builders - Materials and their** properties; waterproofing, absorbency etc

(Animals including **Humans**) People and their pets

Reception: Use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might

Use new vocabulary in different contexts.

Related Topics: Seasons, Weather,

Reception: Know and talk about the different factors that support their overall health and wellbeing: regular physical activity, healthy eating, toothbrushing, sensible amounts of 'screen time', having a good sleep routine being a safe pedestrian etc.

Related Topics: Seasons and Minibeasts.

Reception: Explore the natural world around them, making observations and drawing pictures of animals and

Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class

Understand some important processes and changes in the natural world around them, including the seasons and changing states of

KS1

Reception: Learn new vocabulary linked to

Ask questions to find out more and to check what has been said to them.

Articulate their ideas and thoughts in well-formed sentences.

Related Topics: Seasons, All About Me, Harvest and Space.

Nursery: Understand the key features of the life cycle of a plant and an animal

Talk about the differences between materials and changes they notice.

Make healthy choices about food, drink, activity and toothbrushing.

Understand 'why' questions, like: "Why do you think the caterpillar got so fat?"

Related Topics: Seasons and Minibeasts.

Nursery: Plant seeds and care for growing plants.

Begin to understand the need to respect and care for the natural environment and all living things.

Explore and talk about different forces they can feel

Related Topics: Seasons. Weather, Under the Sea.

**EYFS** 

Nursery: Use all their senses in hands-on exploration of natural materials

Explore collections of materials with similar and/or different properties.

Related Topics: Seasons, All About Me, Harvest and