

SMITH'S WOOD LEARNING JOURNEY

Y7 Science

Speed



Forces



Universe



Assessment

During the Summer term, we'll cover several exciting science topics! We'll start with Reproductive Organs and Reproduction. Next, we'll explore Variation, including continuous and discontinuous data, and interpreting data. We'll then study Gravity, the Night Sky, and the Solar System. We'll also cover Contact Forces, Balanced and Unbalanced Forces, Friction, and Drag. Finally, we'll learn about Speed, measuring it, and interpreting graphs. Get ready for an informative and engaging term!

Variation



Reproduction



Earth's structure

SUMMER TERM

Energy cost



Metals & non-metals



Earth's structure

During the Spring term, we'll explore a range of exciting science topics! We'll start with Types of Energy, Conservation of Energy, Sankey Diagrams, and Efficiency. Next, we'll learn about Bones, Joints, and Muscles. We'll then cover Power Stations, Renewable Energy Resources, and Energy Costs. We'll also study Elements, Metals and Non-metals, and Metals and Acids. Finally, we'll examine the Structure of the Earth, Weathering, and Erosion. Get ready for an informative and engaging term!

Energy transfer



Movement



SPRING TERM

Separating mixtures



Cells



During the Autumn term, we'll cover essential science topics! We'll start with Rules, Hazards, and Apparatus in Science. Then, we'll explore Alkali Metals, Thermal Decompositions, and Chemical Reactions. We'll study States of Matter, including solids, liquids, and gases. Next, we'll learn about Evaporation, Distillation, and Chromatography. Finally, we'll observe animal and plant cells. Get ready for an exciting and informative term!

States of matter

Chemical change



Lab safety



AUTUMN TERM