

SMITH'S WOOD LEARNING JOURNEY

Y9 Science

Infection and Response

Bioenergetics

Assessment

During the Summer term, we'll cover some captivating science topics! We'll begin with Cell Biology, learning about the structure and function of cells. Next, we'll study Organisation, focusing on the heart and other organ systems. We'll then move on to Infection and Response, understanding communicable diseases and how our bodies defend against them. After that, we'll explore Photosynthesis and Respiration, discovering how plants and animals produce and use energy. Finally, we'll prepare for the end of year assessment. Get ready for an engaging and informative term!

Organisation

Cell Biology

SUMMER TERM

Evolution

Inheritance

During the Spring term, we'll dive into more fascinating science topics! We'll start with Elements and the Periodic Table, learning about different elements and how they are organised. Next, we'll explore Types of Reaction, understanding how substances interact and change. We'll then study Evolution, discovering how species change over time. Finally, we'll look into Inheritance, learning about how traits are passed down from one generation to the next. Get ready for another exciting and informative term!

Types of reaction

Elements and the periodic table

SPRING TERM

Drugs

Electricity

Respiration and photosynthesis

During this term, you'll explore some exciting science topics! We'll start with Working Scientifically, where you'll learn about variables, types of error, uncertainty, and why repeatability and reproducibility are crucial in experiments. Then, we'll dive into Sound Waves, discovering how they travel and their properties. We'll also discuss Drugs, looking at their effects and importance. Finally, we'll investigate Electricity, understanding circuits and how electric current flows. Get ready for an engaging and informative term!

Loudspeakers and microphones

Seeing the world

Working Scientifically

AUTUMN TERM