

WBIS Science Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Let's Explore Where do we live?	Marvellous Machines How does this work?	Once Upon a Time What is it made of?	Ready, Steady Grow Where food comes from?	Animal Adventure How do they survive?	On the Beach What can you find at the beach?
Year 1	Everyday Materials What can I see? What is it's use?	Human Senses What animal group are we in?	Seasonal Changes How are the seasons different? Why do animals hibernate?		Plants What do they need to grow?	Animals What are their different features?
Year 2	Humans What makes us human?	Habitats What different local habitats do you know?	Uses of Materials Can you describe the properties of different materials?	Plant Survival What seasonal plants are there?	Animal Survival How do living things depend on each other for food?	Human Impacts What impact do humans have on our planet?

At West Byfleet Infant School, we are committed to developing children's scientific thinking by nurturing their natural curiosity about the world around them. Our Science curriculum, enriched by outdoor learning, provides opportunities for children to explore, question, and investigate key scientific concepts related to the natural environment.

Through structured observations and practical enquiry, children learn about biological processes, seasonal changes, animal life, plant growth, and environmental sustainability. As a proud Eco Green Flag school, we embed ecological awareness into our teaching, encouraging children to consider the impact of human activity on the Earth and to begin developing responsible habits through real-world, hands-on experiences.

Our young scientists regularly engage in activities such as weather monitoring, life cycle observations, and habitat exploration. These foundational scientific investigations support early skills in prediction, pattern recognition, and evidence-based reasoning.

In addition, our curriculum supports global awareness by introducing children to different ecosystems, cultures, and communities around the world. This helps foster not only scientific understanding but also respect for the diversity and interconnectedness of life on our planet.