



SCIENCE CURRICULUM OVERVIEW

SCIENCE STATEMENT OF INTENT

At Aspull Our Lady's, we intend to develop our learners into scientific thinkers capable of recognising the interrelated nature of our environment by giving them the skills of questioning and enquiry. Appreciating the fundamental contribution science makes towards the world's future prosperity, our curriculum aims to build up pupils' key knowledge and skills whilst encouraging them to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena. Ultimately, through high quality teaching, our school strives to develop children's ideas and ways of working so that they can make sense of the world in which they live through investigation, as well as using and applying process skills. From EYFS to Year Six, Science at Our Lady's aims to immerse children in learning by creating an environment which places questioning, exploration and investigation at the heart.

RECEPTION

AUTUMN TERM	SPRING TERM	SUMMER TERM
How are things different?	How can things grow?	Where do living things live?

YEAR 1

AUTUMN TERM	SPRING TERM	SUMMER TERM
Animals including humans Seasons (Autumn and Winter)	Properties of materials Seasons (Spring)	Plants Seasons (Summer)

YEAR 2

AUTUMN TERM	SPRING TERM	SUMMER TERM
Everyday materials and their uses Living things and their habitats	Animals including humans	Plants

YEAR 3

AUTUMN TERM	SPRING TERM	SUMMER TERM
Rocks Forces and Magnets	Animals including humans Plants	Light

YEAR 4

KEY CONCEPT –

AUTUMN TERM	SPRING TERM	SUMMER TERM
Animals (including humans) Teeth and Digestive System Electricity	States of Matter The water cycle	Living things and their habitats Sound

YEAR 5

AUTUMN TERM	SPRING TERM	SUMMER TERM
Earth and Space Living things and their habitats	Forces Properties and changes of materials – conductivity	Properties and changes of materials – mixing, filtering and evaporating Human life cycles

YEAR 6

–

AUTUMN TERM	SPRING TERM	SUMMER TERM
Light Electricity	Living Things and Their Habitats	Animals including Humans Evolution and Inheritance