Science Curriculum

St John Bosco Catholic Primary School & St Chad's Catholic Primary School

Intent

At St John Bosco Catholic Primary School and St Chad's Catholic Primary School, our Science curriculum aims to develop children's natural curiosity about the world God created and inspire them to become confident, enthusiastic scientists.

Through engaging, practical and enquiry-based learning, pupils develop scientific knowledge and understanding across biology, chemistry and physics whilst building the skills required to work scientifically. Children are encouraged to ask questions, make predictions, carry out investigations, observe carefully, analyse evidence and draw conclusions based on their findings.

Our curriculum is carefully sequenced to build knowledge progressively from Year 1 to Year 6, enabling children to make connections between scientific concepts and develop a deeper understanding of the world around them. Scientific vocabulary is explicitly taught to support pupils in communicating their ideas accurately and confidently.

As Catholic schools, we encourage pupils to appreciate the wonder of creation and recognise their responsibility as stewards of the environment. Through science, children develop respect for the natural world and an understanding of how scientific discoveries continue to improve people's lives.

We aim for every child to leave our schools with a secure foundation in scientific knowledge, the confidence to question and investigate, and the skills needed for their future education and life in an increasingly scientific and technological world.

Science Curriculum Overview

Year Group	Autumn	Spring	Summer
Y1	Materials Autumn to Winter	On Safari Spring to Summer	Plants Consolidation
Y2	Material Monsters Mini Worlds	Animals and Living Things The Environment	Young Gardeners Consolidation
Y3	Food and Our Bodies Earth Rocks	Mirror Mirror Opposites Attract	What Does Our Garden Grow? Consolidation
Y4	Power It Up What's the Sound?	Digestive System Living Things	Looking at States Consolidation
Y5	Forces Growing Up and Old	Out of This World Circle of Life	Material World Consolidation
Y6	Classifying Critters Electrifying	Reflection Staying Alive	We're Evolving Consolidation