

Science

At St Francis Catholic Primary School science is an integral part of our students' learning journey. Our science curriculum aims to foster a life-long passion for science within our pupils. We aim to achieve this by building upon their natural sense of awe and wonder whilst encouraging them to develop an understanding, respect and sense of responsibility for our natural world. Science learning is vital for equipping children with the ability to think and communicate scientifically, allowing them to pose scientific questions, predict, hypothesise, test and explain theories. These skills when taught together allow our children to begin to understand and explore the world around them. Here at St Francis Catholic Primary School we utilise an ambitious curriculum which progressively builds both scientific knowledge and scientific skills within the three key disciplines of biology, chemistry and physics to develop well rounded young scientists.

It is our belief that scientific skills and scientific knowledge go hand in hand. Consequently, our pupils are given the opportunity and guidance to access and experience a range of different scientific investigations. It is our aim that these investigations give the students the opportunity to utilise a range of scientific equipment and materials safely and appropriately. These investigations focus on the key features of identification, classification, comparative and fair tests, observations and the recognition and analysis of patterns. The skills developed are vital for ensuring the children have a strong understanding of real-life scientific processes and aims to prepare them for scientific excellence in their academic and professional future.

At St Francis Catholic Primary School we aspire to promote a positive image of science, scientists and theories. We also promote opportunities for discussions, where relevant, about current scientific issues and debates, building links to real life experiences. We also believe it is crucial and a priority to promote a sense of respect and responsibility for our natural world as we aim to develop the scientists of tomorrow.

