



Science Curriculum Intent at St John's Catholic Primary School, Trowbridge.

At St John's Catholic Primary School, Catholic Social Teaching (Caritas in Action by Diocese of Salford) passionately underpins our teaching of the 2014 National Curriculum for Science which aims to ensure that all children:

1. develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics
2. develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them
3. are equipped with the scientific skills required to understand the uses and implications of science, today and for the future - we understand that it is important for lessons to have a skills-based focus, and that the knowledge can be taught through this

Our distinctive mission is to instil our children with a wonderment and understanding of the world around them. We build upon natural enthusiasm and enjoyment; using hands on activities and a variety of teaching methods. Our children are taught to appreciate the beauty of God's creations and we share the idea that Science and Religion are not exclusive. As Stewards of God's world we encourage children to understand that all things are connected. We encourage them to be inquisitive throughout their time at our school and beyond. The Science curriculum fosters a healthy curiosity in children about their faith, our universe and promotes respect for the living and non-living. We believe science encompasses the acquisition of knowledge, vocabulary, concepts, skills and positive attitudes

As our children leave us we ensure that they are confident, life-long learners who can explore and explain how the world around them works. Our learners will also be able to use these Science skills to create and help build a better future for the global community that they will serve.