**A St John’s Scientist**

***‘Children are a gift from the Lord’ (Psalm 127 v.3)***

**The vision of our school**

***St. John’s is a caring, Christian community striving to support its members to achieve their God given potential. Exploring our unique gifts and raising aspirations, we prepare our children for the challenges of the modern world. Following Jesus’ example, we seek to grow good people who can make a difference.***

**A Vision Statement for Science**

Science enables pupils to investigate the natural world around them and develop a natural curiosity and wonder about the world. They will learn how science has helped humans to flourish and be taught how to use their knowledge to explain, predict and analyse. All pupils benefit from a rich Science curriculum presented in an imaginative manner with lots of opportunities for first-hand experiences, visits and visitors.

The science units of work ensure the accumulation of knowledge, behaviours, and skills that offer both progression and challenge as the children move through St. John’s (see ‘Progression of Skills Knowledge Map’). Pupils are given many opportunities to demonstrate their **scientific knowledge and understanding through our science lessons.**

We recognise that each and every children is a ‘…gift from the Lord’ consequently, developing and supporting every child in our care: spiritually, morally, socially, culturally and intellectually to become the best that they can be is fundamental to all that we do. We want our children to have the desire to aspire and achieve whatever they want in the world.

As with all curriculum subjects, our school’s Christian vision drives all of our learning.

**God in our Lives**

Our school is a safe place where curious children feel they can discuss and develop their understanding. Through the science study units pupils explore the diversity of human experience, and understand more about themselves as individuals and members of society.

Pupils learn about how the world works and begin to understand the disciplines of physics, chemistry and biology. Children are given the opportunity to find out about inspirational scientists who have transformed our understanding of the world.

**Ignite your fire**

We ignite a passion and curiosity for learning by providing a rich and engaging science curriculum to inspire all learners to be the best that they can be. Children are taught to investigate the world around them and make predictions about what might happen and to use this scientific worldview to help them understand the world. There are also many opportunities to visit science museums or invite visitors into school to help us to find out more. For example, ‘chemistrywithcabbage’ come each year to teach our Y56s.

We seek to grow good people who can make a difference to the world around them. Our science study units provide many opportunities to ‘meet’ individuals who were born into ordinary families but went on to make an extraordinary difference to the world around them.

**Family**

At St John’s we help our children to be tolerant and responsible citizens by developing their understanding of the contribution different civilizations played, not just in the UK, but across the world.

They will recognise the importance of being respectful compassionate and kind friends through understanding human achievements and experiences throughout the world and understanding the contribution of many different faith groups throughout history in the area of science.

**Truth**

Through discussion and debate they will develop a sense of justice for all, recognising that all of God’s children should be valued. Teachers will teach the children how to disagree well – a powerful life skill!

Throughout their science lessons, the children will find out about some truly remarkable individuals who had the courage to follow the evidence and overcome barriers to understanding the truth.