

# Our Vision for Science

At St Thomas's CE Primary School, we understand the importance that science holds to our future. We foster **skilful, curious scientists** who develop a deep curiosity of the world and beyond and learn to appreciate and understand the **world in all its fullness** (John 10).

We offer an **exciting, inclusive and inspiring curriculum** that provides children with opportunities to **question, explore and challenge** scientific thinking to gain a **deeper understanding** of the world around us through **practical investigations and enquiry**. Our

**Christian values** are at the heart of our science learning, where exploring our values through science will create scientists who have **strong morals and a desire to make the world a better place**.

Teach children how they should live and they will remember it all of their life.

Proverbs 22 V 6

## Principles

Our teachers, pupils, parents and governors believe science to be good when...

Children are given the freedom to <b>ask questions</b> and explore their curiosities	There are moments of <b>wow, awe and wonder</b> in lessons – <b>trips, visitors, practical experiments, demonstrations</b>
We learn about <b>Scientists</b> from the past, present and explore scientists of the future developing role models and pioneers for the future	Scientific knowledge is explored in the <b>real world</b> , we go <b>outdoors</b> and take risks in learning by having <b>challenging experiences</b> , exploring <b>risky</b> science.
Science is related to children's role as <b>global citizens</b> – we explore issues in the world and through our <b>values</b> and questioning seek answers	<b>Assessment is meaningful</b> and directly impacts on teaching and learning
<b>Written outcomes are meaningful</b> , developing <b>scientific vocabulary</b> and <b>subject knowledge</b> while contextualising what they have learnt	<b>We find out rather than get told</b> – there is an interplay between substantive and disciplinary knowledge. They don't just know the science they know the evidence for it and can use this knowledge

## Monitoring

We will monitor science in our school through...

Curriculum design	Teacher questionnaires	Floor books
Pupil voice	Setting science targets	Lesson observations
Sharing good practice	Contributing to the school development plan	Staff meetings
Self-evaluation	Professional development	Assessments on scholar pack each half term – pupil progress

# Our Vision for Science

At our school, we understand the importance that science holds to our future.

We are becoming **skilful, curious scientists** who want to find out about the world.

We are learning to appreciate and understand the **world in all its fullness** (John 10).

Our lessons are **exciting** and **everyone is involved**.

Our teachers **inspire us**. We **question, explore and challenge** scientific thinking to gain a **deeper understanding** of the world around us.

We do **practical investigations and enquiries**.

Our **Christian values** are at the heart of our science learning, where exploring our values through science will create scientists who have **strong morals and a desire to make the world a better place**.

Teach children how they should live and they will remember it all of their life.

Proverbs 22 V 6

## Principles

Science is good when...

<b>We ask questions</b>	<b>We have moments of wow, awe and wonder</b>
<b>We learn about scientists (Past, Present and what the Future holds)</b>	<b>There are real world experiences, we learn outdoors and we take risks</b>
<b>We are global citizens who develop our values and morals</b>	<b>We develop our scientific knowledge (assessment)</b>
<b>We write in science to show our knowledge and understanding</b>	<b>We find out rather than being told</b>