



Design and Technology



Our curriculum vision at St Helen's CE Primary School

S eeking Achievement for all
H opeful through our Christian values
I nspire through our knowledge rich curriculum
N urturing and preparing for life through Jesus' love
E mbracing equality and diversity



Seeking achievement for

Our Design and Technology curriculum empowers children to acquire essential knowledge and skills. Through exploring design challenges, they enhance their understanding of the world and test innovative solutions. The curriculum progresses logically, allowing students to build upon their prior knowledge and skills. They engage in hands-on activities to explore, design, and create solutions, gaining insights into the design process and technological advancements. Utilising a broad vocabulary, they articulate design processes and techniques effectively. Regular recaps on prior learning will ensure that knowledge is retained and reinforcing 'sticky knowledge' shorten this



Hopeful, through our Christian Values.

Our Design and Technology curriculum is built around an understanding of, and a deep belief in, our Christian mission statement. We want children to realise that the creativity and innovation in design are part of the miracle of God's creation, and that God gave us the world to live in and take care of. We want children to have a deep sense of awe and wonder about the world, based on the teachings of Jesus Christ. Through this curriculum, they will learn to appreciate the beauty and functionality of well-designed objects and systems, and their responsibility to use their skills to improve and care for our world.



Inspire, through our knowledge-rich curriculum.

High-quality Design and Technology lessons will inspire children to want to explore the world of innovation and problem-solving. Through our Design and Technology curriculum, children have opportunities to investigate and create solutions, understand the design process, and build an overview of technological advancements, both past, and present. Our curriculum is rich in knowledge, skills, vocabulary, and the use of engaging projects, which allow technological concepts to be deeply embedded.



Nurturing and preparing for life.

As children grow into adulthood, we hope that the foundations of our Design and Technology curriculum will foster a deep passion and curiosity for innovation and problem-solving. We aim for them to develop a determination to create solutions that improve our world today and for future generations. We hope they seek to learn more and appreciate how unique and special they are, understanding that God loves them unconditionally. Through their creativity and skills, they can make meaningful contributions to our world.



Embracing equality and diversity.

Our Design and Technology curriculum will teach children to embrace equality and diversity by exploring various perspectives and innovations throughout history. Students will learn about different cultures, traditions, and contributions to design and technology, fostering an appreciation for diversity. They will be encouraged to understand the importance of respecting differences in people's opinions, beliefs, and backgrounds. Through collaborative projects and discussions, students will recognise their role in supporting each other and promoting equality.