

DESIGN AND TECHNOLOGY intent, vision and drivers

At Scotforth St Paul's CE Primary and Nursery School, our vision flows through everything we do because we want the very best for all of our children. We provide a broad and balanced curriculum that is inclusive and accessible to all, with a clear progression so that children can build on previous learning and make links to help them develop key skills and knowledge.

Intent for Design and Technology

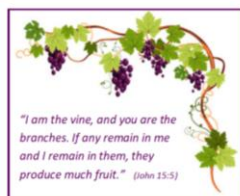
Design and Technology is a practical subject and the skills needed to be able to make products in a variety of contexts is extremely important. Children, from Early Years to Year 6, should investigate real life problems and think creatively, taking risks, to solve them. Their fine motor skills should not inhibit them from designing and making products, so practise of skills such as cutting, sticking and sewing is included as part of our curriculum, and support is always provided for those children who need it. As they move through school, children draw on skills developed in other subjects e.g. materials, plants and healthy eating in science, measuring in maths to help them work accurately and make good choices about their designs. Children learn about designers in the local area and across the world, understanding that innovation is usually as a result of a problem. As part of the process, children are given time to try new techniques and test their designs, evaluating as they go, as well as the final product. Children's skills develop as they move through school, leading to high quality finishes and more complex products. Food technology is a high priority and children develop a love and talent for preparing and cooking healthy meals with an understanding where food comes from.

Scotforth St Paul's CE Primary and Nursery School Vision



Learning, growing and caring
as part of God's family.

Jesus (the gardener) nourishes and tends us as we learn and grow, so that we can all flourish. As a vine, we are one, but all unique and special to Him. We care for each other, as God cares for us.



Our vision helps us see that whatever subject we are studying, we can **learn** new skills and knowledge, **grow** as a well rounded person and **care** for ourselves, others and the world, as part of God's family.

Learning in DT	Growing in DT	Caring in DT
We learn a wide variety of techniques, which develop as we move through school. We find out about designers and use them to influence our designs. Developing our fine motor skills enables us to access a range of tools with accuracy and precision.	The skills we learn in DT help us for the rest of our lives. Knowing how to problem solve and persevere when things are difficult, help us grow our resilience. Being able to cook healthy meals, helps us as we become independent adults. Flexibility and a willingness to change and adapt as we learn is a valuable skill for life.	As we learn about cooking and nutrition, we learn about how to keep ourselves and others healthy. We help each other use tools carefully. As we design, we do so with a purpose – usually for a person. Creating for another person shows we care about their needs.

When revising our curriculum and making it the best possible for the children at Scotforth St Paul's, we identified certain drivers: resilience, independence, local heritage and the wider society. Below are examples of how these can be focused on within DT.

Resilience	Independence	Local Heritage	Wider World
Sometimes making products can be difficult and resilience is crucial to seeing the process through to the end, even when things go wrong. Our children develop the ability to see past problems and try to find ways beyond barriers.	Our children are encouraged to work independently to create unique and personalised designs. They should work hard to develop their own skills enabling them to be able to make their own products and be proud of them.	Local designers and cooks are studied to gain ideas to build from. Experts from the field of design are invited into school to show how the skills learnt are essential for certain jobs. Our children look at how design has changed our local area over time.	As we look to the wider world, we think about designers across the world and in particular food and how different cultures have influenced our diets. We look at materials and patterns from around the world and different products and their uses.