

DT Curriculum Intent

“We are Proud”



The primary intent of our Design and Technology (DT) curriculum is to develop creative, curious and capable learners who enjoy designing and making purposeful products. We aim to equip pupils with the practical skills, technical knowledge and confidence they need to solve real-life problems, work collaboratively and think creatively. DT is a vital life skill that encourages children to understand how things work and prepares them for an ever-changing technological world.

To achieve this, our DT curriculum is designed to:

- Develop successful, aspirational, life-long learners who enjoy experimenting, designing and making, and who strive to improve their ideas through reflection and evaluation.
- Ensure pupils leave Newlands equipped with the practical skills, technical understanding and resilience needed to meet the demands of secondary education and everyday life.
- Support all learners through adaptive teaching, ensuring lessons are inclusive and accessible for every child.
- Recognise DT as a key subject that supports learning across the curriculum, linking closely with mathematics, science, computing and art.
- Nurture confident individuals who are able to lead safe, happy, healthy and fulfilling lives now and in the future by developing independence, problem-solving skills and pride in their work.
- Encourage pupils to become respectful, kind and collaborative learners by working with others, sharing ideas, listening to feedback and supporting peers within an oracy rich classroom.
- Create responsible citizens who understand the impact of design and technology on the world around them, including sustainability, ethical choices and the needs of different users.
- Enable children to acquire and use a broad range of technical vocabulary related to materials, tools, structures, mechanisms, textiles and food, enhancing their ability to explain and justify their ideas.
- Prepare children for a rapidly changing world of future challenges, new technologies and global awareness by developing creativity, adaptability and innovation, alongside an understanding of modern technologies and their role in everyday life.
- Shape active and creative minds with the ability to think critically, test ideas, evaluate products and make improvements based on evidence and user feedback.
- Give pupils the courage to act on their beliefs, showing grit, determination, independence and the ability to overcome challenges with resilience by taking risks, persevering through challenges and learning from mistakes, through hands-on designing and making experiences.

Pride will be displayed in all we strive to achieve
Personal development is at the heart of our curriculum
We prepare for possibilities, hopes and dreams
Success for today, ready for tomorrow.