



Oldfields Hall  
Middle School

# Design Technology Curriculum Statement

## Intent

The Design Technology curriculum at our middle school aims to equip students with the skills and knowledge necessary to engage in creative problem-solving and innovative design. Our intent is to foster an environment where students can explore their creativity, develop technical skills, and understand the importance of sustainability in design. We aspire to inspire a passion for technology and engineering, preparing students for future careers in these fields. The curriculum is designed to align with the National Curriculum, ensuring that students acquire a comprehensive understanding of materials, processes, and the impact of design on society.

## Implementation

The implementation of the Design Technology curriculum involves a structured approach that incorporates a variety of teaching methods, including hands-on projects, collaborative learning, and theoretical instruction. Students engage in a range of activities that cover key areas such as product design, mechanisms, textiles, and food technology. Each project is designed to challenge students and encourage them to apply their learning in practical contexts.

To support the implementation, we provide access to modern tools and technologies, including CAD software, laser cutters, and a well-equipped workshop. Teachers facilitate learning through guided instruction, allowing students to work independently and collaboratively. Regular assessments and feedback are integral to the process, enabling students to reflect on their progress and set personal learning goals.

## Impact

The impact of our Design Technology curriculum is measured through student engagement, skill development, and academic outcomes. By the end of their middle school education, students will have developed critical thinking skills, creativity, and the ability to work effectively in teams. They will also gain an appreciation for the role of design in addressing real-world problems, particularly in relation to sustainability and ethical considerations.

In conclusion, our Design Technology curriculum is designed to provide students with a robust foundation for future learning and career opportunities, fostering a generation of innovative thinkers and responsible designers.