

Parrs Wood High School

Hard Technologies and Textiles Technology

Curriculum Intent: Inspiring, Creative, Expressive

Design and technology prepares children to take part in the development of tomorrow's rapidly changing world. Creative thinking encourages children to make positive changes to their quality of life. The subject encourages children to become autonomous and creative problem-solvers, both as individuals and as part of a team. It enables them to identify needs and opportunities and to respond by developing ideas, and eventually making products and systems.

Through the study of design and technology they combine practical skills with an understanding of aesthetic, social and environmental issues, as well as of functions and industrial practices. This allows them to reflect on and evaluate present and past design and technology, its uses and its impacts. Design and technology helps all children to become sensitive and informed consumers and potential innovators.

At Parrs Wood we want to inspire young people's inquisitive minds to investigate creative ways to solve life's everyday problems whilst expressing the wants and the needs of individuals and the wider communities. To achieve this we plan to;

- Develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.
- Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users.
- Critique, evaluate and test their ideas and products and the work of others.

Our curriculum intends to develop pupils into confident and innovative designers, with a wide variety of design and making skills that they can use across the curriculum and beyond their time at the high school.