

Technology Faculty Curriculum Intent – Teign School

Vision

At Teign School, our Technology curriculum empowers students to become creative, critical thinkers and problem-solvers who are equipped with the practical and digital skills needed to thrive in a rapidly evolving world. Through Catering, Computer Science, and Design & Technology, we nurture curiosity, innovation, and resilience, preparing students for further education, employment, and life in modern Britain.

Catering

We aim to develop confident, independent learners who understand the importance of nutrition, food provenance, and sustainability. Students will:

- - Gain practical cooking skills and food preparation techniques.
- - Understand the principles of nutrition and healthy eating.
- - Explore the cultural, ethical, and environmental impact of food choices.
- - Be prepared for careers in hospitality and catering industries.

Computer Science

Our Computer Science curriculum fosters computational thinking, digital literacy, and creativity. Students will:

- - Understand how digital systems work and how to design, implement, and evaluate programs.
- - Develop problem-solving skills through abstraction, decomposition, and algorithmic thinking.
- - Explore the ethical, legal, and environmental impacts of technology.
- - Be equipped with coding and software development skills relevant to the modern digital economy.

Design and Technology

We encourage students to become innovative designers and makers who can respond to real-world challenges. Students will:

- - Learn to design, prototype, and evaluate products using a range of materials and tools.
- - Apply knowledge from science, maths, and art to solve practical problems.
- - Understand the impact of design on society, the environment, and the economy.

- - Develop resilience, collaboration, and iterative thinking through hands-on projects.

Cross-Curricular Themes

Across all Technology subjects, we embed:

- - Literacy and numeracy through technical vocabulary, data analysis, and measurements.
- - Careers education by linking learning to real-world industries and pathways.
- - Sustainability and ethics to promote responsible design and consumption.
- - Inclusivity and accessibility to ensure all learners can succeed and thrive.