Broadening Horizons

Technology, as a subject area, holds very strong links with employment, FE and HE offering students a range of pathways, post secondary education.

The Technology curriculum is forward thinking in creating opportunities to enrich students' experiences, always looking for opportunities to work with external parties from a range of backgrounds from industry partners, local employers, FE and HE, to be involved in enriching the Technology curriculum.

Careers

We run a series of Careers in the Curriculum weeks in our school.

For Technology, this week takes place in March.

Students take part in a number of activities to encourage them to think about how what they learn in the classroom can be applied in a number of future careers.

Immerse Yourself

Subject Specific Reading for Food Technology

- Science of Cooking
- Rick Stein's Far Easter Odyssey
- My Street Food Kitchen

Subject Specific Reading for Design Technology

- Designer Maker User
- Architecture for Teens
- Fifty Chairs that Changed the World

Praise and Reward

Our rewards system can be broadly split into four categories: classroom level, subject level, school level and privilege rewards. We'll focus on classroom and subject rewards here - for more information about our rewards schemes, please see our website.

CLASSROOM LEVEL REWARDS

Awarded for: working hard, taking risks and rising to a challenge, making mistakes and learning from them, helping others, and taking pride in the school community.

Rewarded by: praise postcards, positive phone calls to parents/carers, positive text messages home, and lesson-based prizes.

SUBJECT LEVEL REWARDS

Reward scheme: Star of the Week, curriculum awards (Subject/School Way, participation, working with pride, embracing the whole curriculum), high flyer, extra mile, most improved.

Rewarded by: names displayed on reward boards, certificates, social media posts.

Contact

John Potts
WPT Technology Subject Director
jpotts@cliftonschool.org

What is Engineering?

A brief overview of its four main branches (civil, mechanical, electrical, and chemical) as well as a look at some of the other fields of engineering.

TECHNOLOGY

Curriculum Newsletter

YEAR 9

Curriculum Intent

The Design and Technology curriculum aims to develop students' skills, knowledge, values and passion for Design and Technology, to allow them to be successful in an ever-changing world.

Students will develop their problem solving, organisation, planning, creativity and analysis skills, through a carefully developed curriculum. This provides opportunities for students to gain understanding of a range of materials, ingredients and the impact these have on themselves and the world around them.

Strong values of high expectations, pride in their work, confidence, strong work ethic and a growth mindset, are instilled in students throughout their education in Design and Technology at WPT. A deep passion for the subject is developed, through highly-engaging and relevant curriculum content, with an emphasis of involving industry in the classroom, through an extensive network of links with third parties.

Year 9 Curriculum

In Year 9, students study three different subject areas within Technology, Construction, Engineering and Product Design.

If they opt for the Craft Suite they will study Food and Nutrition.

During this year students will begin to develop more advanced practical skills relating to:

- Construction
- Engineering
- Product Design
- Advanced Food Preparation
- Cooking Skills in Food and Nutrition

They will also study the underpinning technical knowledge relating to:

- Construction
- Engineering
- Product Design
- Food and Nutrition

Have your say!

At WPT we're always looking for feedback. If you have any thoughts/opinions on this Curriculum Newsletter, its content or the curriculum in general, please scan the QR code to fill out a short feedback form.

Assessment Points

For the Design and Technology Suite, students are assessed on an ongoing basis against the following criteria, that link directly to the Technology Can Do statements; Research, Solving Problems, Specification, Design Communication, Manufacturing Plans, Mathematical Modelling, Isometric Drawing/CAD Drawing, Manufacturing Knowledge, Manufacturing Skill, Testing and Evaluation.

For the Craft Suite, students are assessed on an ongoing basis against the following criteria, that link directly to the Food and Nutrition Can Do Statements; Macronutrients, Modifying Sensory Properties, Preparations Skills, Cooking Skills, Food Safety and Making Informed Menu Choices.

THE TECHNOLOGY WAY

We use technological key words

We follow project plans & recipes methodically

We are inquisitive about how things are made

We evaluate the success of our designs

We are self-disciplined

We work sensibly & safely

We take pride in the presentation of written & practical work

We use demonstrations to improve our ways of working

We think creatively & innovatively to problem solve

We reflect on and learn from previous attempts

WICKERSLEY PARTNERSHIP TRUST.

SUBJECT WAYS

The Technology Way

The Technology Way is designed to help students become young subject specialists. The Subject Way has two main purposes, to teach students the vital skills they need to achieve their full potential and to teach students how each subject relates to the wider world, incorporating the life skills they will learn.