

Design Technology

Year 7 Overview

Year 7 is a skills-building year focused on introducing pupils to a range of core processes, equipment, and materials through practical work. Pupils develop foundational knowledge of food/cooking, textiles and product design which is then applied and built upon throughout Key Stage 3.

Preparation, design and evaluation are taught through practical lessons with short, focused activities. In Food pupils cook a variety of dishes and use different types of equipment so that they develop foundation skills. In Textiles and Product design pupils complete design tasks that focus on the needs of a specified end user.

Strand	Curriculum Plan
Food	4C's, hygiene, kitchen safety, healthy eating, food groups, cooking techniques, food origins and sustainability, taste testing, food labelling Recipes: Fruit salad, Pasta salad, Fajitas, Potato wedges, Chicken goujons and coleslaw, Breakfast bars, Shortbread, Cheesecake
Textiles	Sock Monkey Project Hand sewing techniques, patterns, sewing equipment, materials, research, design communication, H&S, environmental issues, evaluative skills
Product Design	Sweet Dispenser project Motion/Movement, Types of Cams, hand tools, H&S including risk assessments, materials, research, design communication, specifications, user wants and needs, environmental issues, evaluative skills

Independent study:

In the lead up to assessment points students will be encouraged to focus on revision and retrieval practice to support assessment preparation.

Useful links:

[Design Technology student website](#)
[Food a fact of life](#)
[Skills Centre – Textile Skills Centre](#)

Assessments:

There are two formal assessment points during the year:

January – Formal assessment covering the key knowledge and skills from the first two units.

June – Formal assessment covering the key knowledge and skills from all units studied throughout the year.