

Design Technology

Year 8 Overview

Year 8 builds on year 7 knowledge of skills, equipment, processes and materials/ingredients. We do this by developing independence in each material area and bringing in the importance of accuracy.

Students in year 8 Textiles and Product design will learn how to work, finish and design with new materials and processes, where design becomes the driver for the product development. Food lessons bring in dovetailing recipes and ask students to be able to follow multiple steps in preparing and cooking cultural dishes.

Strand	Curriculum Plan
Food	Risks and controls, Food groups including Carbohydrates and Protein, special diets, food storage, food design, sensory analysis Recipes: Lemon drizzle muffins, Fruit crumble, Savoury scones, Jam Tarts, Sausage rolls, Quesadillas, Spaghetti Bolognese, Egg fried rice
Textiles	Lucy Sparrow inspired 3D packaging project Pattern making, design communication, surface decoration methods including applique, Artist influence, Textiles construction
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.