

KS3 Design Technology Year 9 Subject Learning Journey

Depending on the rotation you will cover these subjects at some point in the year

Food

How and why is it vital that we prepare food safely?

Food commodities - rice, pasta and potatoes. Why are these considered staple foods?

Ultra processed foods - how might these have an impact on our health?

Nutritional analysis and reading labels - why should we do this?



Oracy



Special dietary needs - how to adapt recipes

Quality control - appreciating its importance in manufacturing a product

Celebratory foods for a pop up restaurant

Developing practical skills - pastry; pasta; sauces; bread; healthy versions of UPS foods; adapting recipes to suit dietary needs



Careers

Product Design

Introducing CAD (Computer Aided Design)



Careers

How to use equipment safely - pasta machines / food processors / hand blenders

Research & design a popular board game box to help reduce excessive screen time

Laser cutting - CAM (Computer aided Manufacturing)

Vacuum Forming - how to shape plastic

GCSE Ready!

Production of the game using different types of joints

Literacy task about screen time - the impact of using mobile devices on mental health

Electronics systems processing - Input, Control, Output