

KS3 Design Technology Year 8 Subject Learning Journey

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

Why is health and safety so important in food?

Micronutrients what do they do and where do they come from?

Too much salt, sugar and fat in our diet - what might be the impact?

What are the consequences of too little fibre in our diet?

Food



Eating processed foods - evaluating the snacks we choose

Safe use of equipment including the hob

Developing practical skills - calzone; curry; spaghetti bolognese; fajitas; chowmein, 7 colour rice; upside down cake, apple tart

Memphis design style - how has it influenced modern design

Designing a freestanding phone speaker

Product Design



Specifications - what are they and how to write them

Careers

Why are environmental considerations in design so important?

Working diary - recording manufacturing skills

Cross curricular links with Science - how to amplify sound without electricity

Practical skills - using PVA glue; painting; joining wood together

Oracy



Textiles

Year 9 ready!

How can a message on a Textiles item encourage debate about social, moral and environmental issues?

Design a logo to go on a textiles item reflecting a chosen ethical issue

Design ideas, modelling
Practical skills - Tie dyeing, appliqué & embroidery