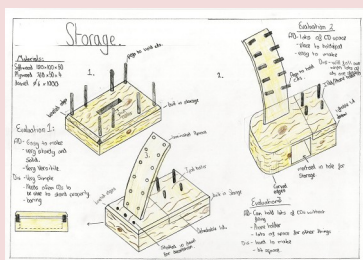




Overview:

Year 9 Design and Technology covers Product Design & Make, including Resistant Materials, CAD/CAM, Systems & Control, Textiles and Cooking/Nutrition – taught in specialist rooms. A variety of creative and practical tasks are undertaken to develop the skills required of a designer/maker. Cooking techniques and an understanding of nutrition and healthy eating continue to be developed.



Year 9

DESIGN & TECHNOLOGY

Food & Nutrition

You will be cooking a range of dishes building on your skills from previous years. Dishes will require a greater assembly of separate components. Dishes will include lasagne, sweet and sour and cheese cake for example. You'll also make your own pastry and make a selection of mini-pies. There will be an investigation into the effects of different varieties of potatoes used in cooking. You will also research, plan and cook your own multicultural dish



Product Design

Your year starts with a Design & Make Assignment – your task is to create an LED Fold Lamp. The folding part of the lamp must be accurately manufactured to work correctly. You will initially model the base of the lamp to develop your ideas. The base

of the lamp allows you to show your skills to create something visually interesting – how it looks will be up to you—as long as it supports the LED unit.



You work with levers and linkages. Working in teams you will compete against others to design and make a device that is able to retrieve an object.



Textiles

In Textiles you will experiment with a number of techniques to create a range of samples—including printing, dyeing, batik and constructed textiles e.g. stitch & slash.

Whilst working on practical tasks, you will be learning about the sustainability of textile products.

Your sample pieces will be further modified and developed with additional embellishment. The samples will then be cut to shape and assembled to create a 3D object, cushion cover or wall hanging.

