



Subject: D&T & Cooking & Nutrition

Year 6

Overview

Design & Technology works on a rotation and the students rotate between the topics. This means that some will do Cooking & Nutrition in the Autumn term while others will do it in the Spring or Summer term. It is similar for the Product Design and Textiles topics.

Cooking & Nutrition

Cooking and Nutrition

Students make various recipes using oven and hob.

Prior learning includes Year 5 - Introduction to basic cutting techniques. H&S with food preparation. Use of Oven.

Key activities include

- Healthy eating
- Nutrition
- Allergies
- Use of hob, grill and oven
- Adaption of recipes
- Sustainability
- Source of materials
- Advanced cutting & chopping skills
- Blenders & Mixers

Assessment:

All years will be doing an assessment during the term, writing a timeplan and using skills they have learnt to cook their own dish.

Product Design

Product Design

Students learn how to use machines and create a pencil holder.

Students are taught how to think very creatively and produce their own designs.

Prior learning includes

Year 5 - Use of basic hand tools to cut, shape and apply quality finish to work. Working to scale and with templates. Use of acrylic.

Key activities include

- Initial design
- Shading & annotation
- Development of designs
- Scroll saw & belt sander
- Hand tools
- Quality finish
- Use of wood and appropriate equipment

Assessment:

All tasks are assessed live in lesson.

Self-assessment/Peer assessment and teacher assessment

Planning will be discussed with the teacher in the lesson and self-assessed

Textiles

Textiles

Students learn how to use a sewing machine and create a pencil case.

Students are taught how to think very creatively and produce their own designs.

Prior learning includes Year 5 - Basic hand sewing including running and back stitch.

Cutting felt, working to scale, design and shading techniques. Use of felt.

Key activities include

- Setting up and using a sewing machine
- Sewing machine driving test
- Introduction to CAD & CAM with an Embroidery Machine
- Hand sewing methods
- Tie Dye
- Applique
- Use of cotton and calico

Assessment:

All tasks are assessed live in lesson.

Self-assessment/Peer assessment and teacher assessment

Planning will be discussed with the teacher in the lesson and self-assessed