

SUBJECT: Design Technology

YEAR: 7

HEAD OF DEPARTMENT: Mrs Nelmes

GROUPING POLICY: Mixed ability

COURSE CONTENT: Students will start the year with an introduction to Design Technology and key skills. They will then complete 4 projects on a rotational basis. In this time students will study graphics, cooking and nutrition, resistant materials and textiles which will develop a range of design and make skills, they will learn about materials and processes relevant to all areas.

What will my child learn?

Year 7 Theme; Sustainability.

Graphics

Students will learn about packaging and its features through the creation of their own 'Halloween' inspired package. Students will use hand drawings and ICT to create a professional product. They will look at the use of colour and font styles in packaging and advertisement and analyse existing products.

Resistant Materials

The Memo holder Students will design and produce a desk memo holder and night light using a wide range of making techniques. These techniques will be taught through several lessons of making with theory to support. An introduction to materials will allow students to learn what it is like to cut, drill and shape these materials to produce an item, including the laser cutter and electronics.

Cooking and Nutrition

Introduction to food These projects introduce the basic skills needed to start preparing and cooking healthy based food in Food Technology. Areas that are looked at include, healthy eating, types of fruit and vegetables and using the oven/hob/grill. Students then focus on designing and making a final dish to promote the use of healthy ingredients in either a savoury or sweet dish. Students will also look at developing their knife skills through a Greek Salad and also look at baking skills such as 'Rubbing In' to make savoury scones or fruit crumble.

Textiles

Calico bag Students will create a calico bag. They will learn/develop skills in tacking by hand and using a sewing machine. They will also learn the decorative technique of transfer printing.

What will homework look like?

The main homework will be completed as an ELO and will be distributed as a booklet each term. Other shorter pieces of homework will be set to secure/demonstrate the knowledge students have gathered in the lessons.

What enrichment opportunities are available?

A variety of afterschool clubs and competitions are available for students to participate in.

ASSESSMENT

How will my child's work be assessed?

A baseline test will be completed at the beginning of the year. Each term students will be assessed on 2 areas of the national curriculum ensuring that all areas are covered throughout the year.

ADDITIONAL INFORMATION

How can I support my child in this subject?

Providing ingredients and materials. Discussing and evaluating products at home.