

SUBJECT: Design Technology

YEAR: 8

HEAD OF DEPARTMENT: Mrs S Cornwall

GROUPING POLICY: Mixed Ability

COURSE CONTENT:

In year 8 students will follow a rotation. Students will study 2 terms in Resistant Materials, 2 terms in cooking & nutrition and 2 terms in Textiles Technology. In this time students will complete 6 projects which will develop a range of design and make skills, they will learn about materials and processes relevant to all 3 areas.

What will my child learn?

Year 8 Theme; Cultural Diversity

Resistant Materials

The Clock Project/Structures

Students will have the opportunity to build on the successes of year 7 in resistant materials to produce a clock. They will be able to use basic hand tools and machinery to realise a design for a given design brief and specification. Students will learn how to develop from previous practical projects, set targets for this project and succeed in making a high quality outcome.

Cooking and Nutrition

Food Nutrition/Culture & country of Origin

Students will investigate what makes a good food package and create a package for their food product. Students will have to consider the country of origin, nutritional guidelines and allergy advice. Students will use this information to adapt recipes and create a product that meets the needs of their country and target audience.

Textiles Technology

Cushion Cover/Hats

Students will learn about culture from around the world. They will design and make a hat and cushion cover that will help to promote this theme. The students will focus their skills on using the sewing machine, developing their skills in Applique and printing as methods of decoration.

What will homework look like?

Home work will vary depending on the module and material. Some home works will be extended pieces of work, some will be collecting ingredients/materials for practical lessons and some will be short focused tasks. All home works will be set to ensure the consolidation or extension of work that has been completed in the class.

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 of the curriculum are covered throughout the year.

ADDITIONAL INFORMATION

How can I support my child in this subject?

By providing ingredients and materials; discussing and evaluating products at home.