



YEAR 7

Design Technology works on a rotation system your child will either start the term in the workshop or in the food room.

Workshop -Skills Project

This term your child will be developing their understanding of Health & safety as well as working with tools and equipment found in a workshop as well as exploring the characteristics and properties of materials.

- Apply knowledge of health and safety to participate in practical safely.
- Develop knowledge and understanding of timber and manufactured boards
- Using a range of wood working tools and equipment
- Create products in timber and manufacturing boards using range of processes
- Evaluation products made against grading criteria

Food Room - Healthy Eating

This term your child will acquire a range of food skills, increasing in complexity and accuracy, to cook a range of dishes, safely and hygienically, and to apply their knowledge of nutrition and food provenance. They will cook the following range of savoury dishes;

- Deli Salad
- Vegetable Soup
- Savoury Crumble
- Pizza Toast
- Fish Goujons
- Milk shake
- Health Flapjack

They will also will

- Develop their knowledge and understanding of ingredients and healthy eating and food provenance.
- Demonstrate food preparation and cooking techniques
- Demonstrate the principles of food hygiene and safety.
- Apply their knowledge to make informed choices.
- Develop their creative, technical and practical expertise needed to perform everyday tasks confidently.

Graphic Design

This term your child will learn about 2D and 3D drawing skills as well as CAD (computer aided design) which is a big part of the manufacturing industry now. They will improve their ability to use drawing tools and equipment giving them an appreciation of the working in the design industry as well as including skills needed for an architect and graphic designer

- Draw simple shapes in isometric, perspective and orthographic projection
- Translate drawings from one style to another.
- Use isometric drawing paper to create 3D shapes



- Apply mathematical skills when measuring and marking out materials.
- Use a range of tools and equipment accurately
- Use annotation with drawings to explain their understanding
- Evaluate their work as it develops and at the end
- Compare their work when evaluating and suggesting ways to improve.

YEAR 8

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Workshop -Mini Beast Project

This term your child will be developing their understanding of working with tools and equipment found in a workshop as well as exploring the characteristics and properties of natural and manufactured timbers.

- Know and understand the different types of manufactured boards.
- Explain the difference between manufactures boards and natural timbers.
- Explain the advantages and disadvantages of plywood.
- Apply their knowledge of health & safety when using equipment.
- Apply mathematical skills when measuring and marking out materials.
- Use a range of tools and equipment accurately and make a 3D product.
- Evaluate and test their ideas and the work of others

Food Room - Range of savoury dishes

This term your child will build and apply a repertoire of knowledge, understanding and skills in order to create and make recipes and dishes for a wide range of people. They will develop their understanding of working with heat to prepare a range of savoury dishes that involve baking e.g. Cheese scones, variety of breads, Carrot cake etc

- Deepen their knowledge and understanding of food and nutrition.
- Deepen their knowledge food provenance.
- Further develop their food skills and techniques.
- Further develop and demonstrate the principles of food hygiene and safety.
- Deepen and apply their knowledge of consumer food and drink choice.
- Develop the creative, technical and practical expertise needed to perform everyday tasks confidently.
- Evaluate and test their ideas and the work of others



YEAR 9

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Workshop –Metals: Jewellery Project

This term your child will be developing their understanding of working with tools and equipment found in a workshop as well as exploring the characteristics and properties of metals.

- They will be able to confidently explain the different types of metals
- Explain how to cast pewter metal to make jewellery
- Apply their knowledge of customer needs to design products
- Apply mathematical skills when measuring and marking out materials.
- Use a range of metal work tools and equipment accurately
- Discuss the links to real life and potential career options.

Food Room - Using Heat

This term your child will apply a repertoire of knowledge, understanding and skills in order to create and make recipes and dishes for a wide range of people. They will develop their understanding of working with heat to prepare a range of savoury dishes that involve

- Risotto
- Fish cakes
- Dutch apple cake
- Thai green curry
- Fajitas
- Samosa
- Foods served at a Festival

Graphic Design - Packaging

This term your child will learn about the material papers and boards. They will understand and use the properties of papers and boards and the performance of these materials to create a product. Creating packaging will show their ability to use drawing tools and equipment giving them an appreciation of the work of designers and architects including skills needed for the publishing industry.

- Discuss the different types of packaging and their uses
- Explain how to design for their intended client/ customer market when creating new products
- Design & create a piece of packaging that functions as intended
- Apply mathematical skills when measuring and modelling ideas
- Test ideas through prototyping and modelling
- Apply a range of Graphics skills showing understanding
- Work papers and boards effectively
- Use of appropriate tools, equipment and materials to achieve a high-quality outcome.