

Curriculum Overview: Design and Technology

Key Stage 3 (Years 7, 8 and 9)

Year 7- Students are taught in mixed ability year groups and they will have **two** hours of Design and Technology per week for the whole year.

One hour: Cooking & Nutrition/Textiles

One hour: Graphics/Resistant Materials/Systems & Control

Graphics- Drawing Skills, Money Saving Box Project,

Resistant Materials- Ball Bearing Game Project.

Systems & Control- Bridge Project

Cooking & Nutrition- Basic Skills, Food Safety, Basic Nutrition, Food Provenance

(Dishes: Fruit Salad, French Bread Pizza, Fruit Crumble, Chicken Goujons, Muffins and Vegetable Spring Rolls)

Textiles- Emoji Keyring and Animal Doorstop

Year 8- Students are taught in mixed ability year groups and they will have **two** hours of Design and Technology per week for the whole year.

One hour: Cooking & Nutrition/Textiles

One hour: Graphics/Resistant Materials

Graphics- Communication Skills, Chocolate Bar Project,

Resistant Materials- Wooden Box and Acrylic Jewellery Projects.

Cooking & Nutrition- Eatwell Guide, 8 Tips For Healthy Eating, Food Provenance

(Dishes: Eatwell Salad in a Jar, Pizza (dough base), Healthy 'Pot Noodle', Scones or Open Fruit Pie, Cheese Straws, Spaghetti Bolognese, Bread Rolls)

Textiles- Mobile Phone Case and Applique Cushion

Year 9- Students are taught in mixed ability year groups and they will have **two** hours of Design and Technology per week for the whole year.

One hour: Cooking & Nutrition

One hour: Graphics/Resistant Materials/Systems & Control

Graphics- Designing a New School (Google Sketchup CAD)

Resistant Materials- Bird House Project

Systems & Control- Bottle Opener Project

Cooking & Nutrition- Food Poisoning, Functions of Ingredients, Special Dietary Requirements, Factors Affecting Food Choice.

(Dishes: Lasagne, Cheesecake, Stir-Fry, Sausage/Vegetarian Plait, Sweet and Sour Chicken, Chicken au gratin, Savoury Minced Beef Pie, Dutch Apple Cake, Food Waste Practical, Chocolate Torte Food Styling Activity)