

Key Stage 3 COURSE

Design & Technology

FACULTY

ART, DESIGN & TECHNOLOGY

STAFF CONTACT

Mrs J. Hayes

WHAT QUALITIES & SKILLS WILL BE DEVELOPED?

In D&T you will develop skills in designing and making.

You will use the design process to generate and communicate design ideas.

You will analyse your ideas and those of others and will develop the evaluation skills.

You will work in a variety of materials to develop practical making skills, including CAD/CAM.

YEAR 7

The topics covered in year 7 will be:

Autumn Term	Spring Term	Summer Term
<p>Heat Wave: <i>a thermometer, H&S, wood, Smart materials</i></p> <p>Mini Monsters: <i>a metal insect, brazing</i></p> <p>Deli Salad</p> <p>Cereal bars</p>	<p>Continue Mini Monsters: <i>Metal, brazing</i></p> <p>Blister Pack: <i>Graphics, vacuum forming</i></p> <p>Scones</p> <p>Supreme Soups</p> <p>Funky Diary Cover: <i>Felt making, weaving, sewing machines, embroidery</i></p>	<p>Puzzling Designs: <i>a jigsaw from acrylic, packaged in a wooden box, design History, CAD/CAM – 2D Design, laser cutter, wood</i></p> <p>Continue Funky Diary Cover: <i>Felt making, weaving, sewing machines, embroidery</i></p>

YEAR 8

The topics covered in year 8 will be:

Autumn Term	Spring Term	Summer Term
<p>Memphis Time: <i>a clock made from acrylic and wood (joints), in the style of Memphis Design</i></p> <p>Ginger Biscuits: <i>inc. batch production and QA/QC</i></p> <p>Street Food: <i>kebabs</i></p>	<p>Freebies: <i>Working with clients, CAD/CAM laser cutter, choice of materials</i></p> <p>Bread</p> <p>Pasta</p>	<p>Classy Casting: <i>Mould making, pewter casting, Art Deco</i></p> <p>Light it Up: <i>Electronics in Textiles</i></p>



FREQUENTLY ASKED QUESTIONS

HOW MANY PERIODS PER FORTNIGHT WILL I STUDY THE SUBJECT?

In year 7 and 8 you will receive 5 periods of D&T per fortnight.

WILL THE CLASSES BE SET OR MIXED ABILITY?

Classes in D&T will be set.

HOW OFTEN WILL I RECEIVE HOMEWORK?

Once every half term.

HOW OFTEN WILL I BE TESTED?

At the end of each project in D&T.

WHAT EXTRA CURRICULAR OPPORTUNITIES WILL BE AVAILABLE TO ME?

We run a series of after school clubs in D&T, including STEM club.

WHAT IS THE PROGRESSION ROUTE FOR THE COURSE IN KS4?

There is a choice from the following courses at KS4:

- GCSE Design & Technology
- GCSE Food Preparation & Nutrition
- BTEC Engineering
- BTEC Fashion

