



GCSE Design & Technology

Long thin course **Food Technology** (3 years)

Year 1

Y9 Pupils will learn a wide variety of cooking techniques, functions of ingredients and healthy eating principles as outlined in the exam syllabus. This will be taught through a variety of mini projects, through which pupils will also learn the design skills required for completion of the controlled assessment.

Year 2

Pupils will complete a mini project, teaching them the skills detailed above. In the January of Y10 pupils will begin working on the controlled assessment task, set by the exam board. Controlled Assessment work will continue throughout all of the year 10 course

Year 3

Pupils will complete the controlled assessment by the end of December in Y11. During this first term pupils will also begin to prepare for the mock exam, sat in December. For the rest of the year pupils will prepare for the summer exam.

Short fat course **Food Technology** (1 year)

Term 1

Pupils will learn a wide variety of cooking techniques, functions of ingredients and healthy eating principles as outlined in the exam syllabus. Pupils will also learn the design skills required for completion of the controlled assessment. The controlled assessment will commence towards the end of this term.

Term 2

Pupils will be working on the controlled assessment throughout this term. Pupils will also begin exam preparation and start practising exam questions in preparation for the mock exam.

Term 3

Pupils will complete the controlled assessment. Pupils will sit a mock exam and prepare for the actual exam taken this term.

Long thin course **Textiles** (3 years)

Year 1

Pupils will learn a wide variety of practical Textile skills and knowledge & understanding of different Textiles as outlined in the exam syllabus. This will be taught through a variety of mini projects, through which pupils will also learn the design skills required for completion of the controlled assessment.

Year 2

Pupils will complete a mini project, teaching them the skills detailed above. In the January of Y10 pupils will begin working on the controlled assessment task, set by the exam board. Controlled Assessment work will continue throughout all of the year 10 course

Year 3

Pupils will complete the controlled assessment by the end of December in Y11. During this first term pupils will also begin to prepare for the mock exam, sat in December. For the rest of the year pupils will prepare for the summer exam.



Short fat course **Textiles** (1 year)

Term 1

Pupils will learn a wide variety of practical textile skills and knowledge & understanding of textile materials as outlined in the exam syllabus. Pupils will also learn the design skills required for completion of the controlled assessment.

The controlled assessment will commence towards the end of this term.

Term 2

Pupils will be working on the controlled assessment throughout this term. Pupils will also begin exam preparation and start practising exam questions in preparation for the mock exam.

Term 3

Pupils will complete the controlled assessment. Pupils will sit a mock exam and prepare for the actual exam taken this term.

Long thin course **Materials** (3 years)

Year 1

Pupils will learn a wide variety of practical Resistant material skills and knowledge & understanding of different Resistant materials as outlined in the exam syllabus. This will be taught through a variety of mini projects, through which pupils will also learn the design skills required for completion of the controlled assessment.

Year 2

Pupils will complete a mini project, teaching them the skills detailed above. In the January of Y10 pupils will begin working on the controlled assessment task, set by the exam board. Controlled Assessment work will continue throughout all of the year 10 course

Year 3

Pupils will complete the controlled assessment by the end of December in Y11. During this first term pupils will also begin to prepare for the mock exam, sat in December. For the rest of the year pupils will prepare for the summer exam.

Short fat course **Materials** (1 year)

Term 1

Pupils will learn a wide variety of practical resistant material skills and knowledge & understanding of resistant materials as outlined in the exam syllabus. Pupils will also learn the design skills required for completion of the controlled assessment.

The controlled assessment will commence towards the end of this term.

Term 2

Pupils will be working on the controlled assessment throughout this term. Pupils will also begin exam preparation and start practising exam questions in preparation for the mock exam.

Term 3

Pupils will complete the controlled assessment. Pupils will sit a mock exam and prepare for the actual exam taken this term.



Long thin course **Electronics** (3 years)

Year 1

Pupils will learn a wide variety of practical Electronic skills and knowledge & understanding of Electronic materials as outlined in the exam syllabus. This will be taught through a variety of mini projects, through which pupils will also learn the design skills required for completion of the controlled assessment.

Year 2

Pupils will complete a mini project, teaching them the skills detailed above. In the January of Y10 pupils will begin working on the controlled assessment task, set by the exam board. Controlled Assessment work will continue throughout all of the year 10 course

Year 3

Pupils will complete the controlled assessment by the end of December in Y11. During this first term pupils will also begin to prepare for the mock exam, sat in December. For the rest of the year pupils will prepare for the summer exam.

Short fat course **Electronics** (1 year)

Term 1

Pupils will learn a wide variety of practical electronic skills and knowledge & understanding of electronic materials as outlined in the exam syllabus. Pupils will also learn the design skills required for completion of the controlled assessment. The controlled assessment will commence towards the end of this term.

Term 2

Pupils will be working on the controlled assessment throughout this term. Pupils will also begin exam preparation and start practising exam questions in preparation for the mock exam.

Term 3

Pupils will complete the controlled assessment. Pupils will sit a mock exam and prepare for the actual exam taken this term.

Long thin course **Graphics** (3 years)

Year 1

Pupils will learn a wide variety of practical Graphic skills and knowledge & understanding of Graphic programmes as outlined in the exam syllabus. This will be taught through a variety of mini projects, through which pupils will also learn the design skills required for completion of the controlled assessment.

Year 2

Pupils will complete a mini project, teaching them the skills detailed above. In the January of Y10 pupils will begin working on the controlled assessment task, set by the exam board. Controlled Assessment work will continue throughout all of the year 10 course

Year 3

Pupils will complete the controlled assessment by the end of December in Y11. During this first term pupils will also begin to prepare for the mock exam, sat in December. For the rest of the year pupils will prepare for the summer exam.



Short fat course **Graphics** (1 year)

Term 1

Pupils will learn a wide variety of practical graphic skills and knowledge & understanding of graphic programmes as outlined in the exam syllabus. Pupils will also learn the design skills required for completion of the controlled assessment.

The controlled assessment will commence towards the end of this term.

Term 2

Pupils will be working on the controlled assessment throughout this term. Pupils will also begin exam preparation and start practising exam questions in preparation for the mock exam.

Term 3

Pupils will complete the controlled assessment. Pupils will sit a mock exam and prepare for the actual exam taken this term.

What you can do as a parent to support your child throughout this course

Check your child's journal on a regular basis and ensure that they are completing the homework tasks set. Ensure that your child has the necessary ingredients and equipment required for all practical lessons. Support your child during exam preparation by encouraging them to stick to a set revision timetable.

Assessment Procedures & Key dates

Work will be assessed against the GCSE Assessment Objectives:

AO1: Recall, select and communicate knowledge and understanding in design and technology including its wider effects.

AO2: Apply knowledge, understanding and skills in a variety of contexts and in designing and making products.

AO3: Analyse and evaluate products, including their design and production.

Assessment is by 2 units:

Unit 1: Exam (40%) sat in the summer term of Y11 (May/June) for long thin course. In the summer term (May/June) for short fat course.

Unit 2: Controlled assessment (60%) must be completed by end of December of Y11 for long thin course, mid-April for short fat course.

Marking & feedback Policy: Key points

Pupils work will be assessed on a regular basis (twice each half term for long thin course, and every 3 weeks for short fat course) against the exam board assessment criteria. During project work pupils will be given formative and summative assessment by the teacher to enable them to set goals so they can achieve their target grade. A variety of teacher, pupil & peer assessment will be used throughout the course. Pupils will sit a mock examination and feedback will be given using the examiners mark scheme. Pupils will be given the opportunity to reflect on the teacher's assessment, at regular intervals, and to set their own targets.