



Technology Curriculum Overview 2023 - 2024

Year group	Product Design		Textiles		Food Preparation & Nutrition	
7	Theme: <i>Childhood adventures</i>					
	Adventure story Marble run		Childhood adventure stationary holder		Children’s Party food	
8	Theme: <i>Festivals</i>					
	Earphone tidy		Decorative ‘E-Textiles’ bags		Hand held food for Festivals	
9	Theme: <i>Eco-Warriors</i>					
	Recycled jewellery pendant		Up-cycled Cushions		Seasonal dishes	
GCSE Design & Technology						
	Half- Term 1	Half- Term 2	Half-Term 3	Half-Term 4	Half- Term 5	Half-Term 6
10	<u>Project One:</u> E-Textiles Material Area: Fabrics and fibres NEA Focus: Section A&B	<u>Project Two:</u> Up-cycling Material Area: Woods and polymers NEA Focus: Section C	<u>Project Three</u> Jewellery Material Area: Metals and Alloys NEA Focus: Section D	<u>Project Four</u> Mini NEA: Design & Make NEA Focus: Section D, E and F		<u>NEA Release date: 1st June</u> <u>AO1 Section A:</u> Identifying & investigating design possibilities <u>AO1 Section B:</u> Producing a design brief & specification
11	<u>AO2 Section C:</u> Generating design ideas	<u>AO2: Section D:</u> Developing Design Ideas	<u>AO2: Section D:</u> Developing Design Ideas <u>AO2: Section E:</u> Realising Design ideas	<u>AO2: Section E:</u> Realising Design ideas <u>AO3: Section F:</u> Analysing and Evaluating Deadline for NEA	Final Written Examination	
GCSE Food preparation & Nutrition						
	Half- Term 1	Half-Term 2	Half-Term 3	Half-Term 4	Half -Term 5	Half – Term 6
10	Mini NEA2 – Plan and make a dish for a Dietary Need.	Mini NEA2 – Plan and make a dish for European Cuisine.	Mini NEA1 – Food Science investigation on Enzymic Browning	Mini NEA1 – Gluten formation investigation and raising Agents	Mock NEA 2	Mock NEA1
11	<u>NEA 1 Release date: 1st September</u> <u>NEA1</u> – Food Science Investigation	<u>NEA1</u> – Food Science Investigation <u>NEA 2 Release date: 1st November</u>	<u>NEA2</u> – Food Preparation Assessment	<u>NEA2</u> – Food Preparation Assessment Deadline for NEA	Final Written Examination	

Weekly Extra-Curricular Provision:

- STEM Club
- KS3 Cooking club
- Key stage 4 Interventions

Additional Extra-Curricular Provision:

Residential trips:

- KS3 Disneyland Paris trip (Including Technology conference)
- KS4 Germany Design trip
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Educational Visits:

- Museum of science and industry, Manchester
- Knitting and stitching show, Harrogate
- Textiles workshops at local colleges
- Good food show, NEC
- Faraday Challenge day competitions
- Rotary BAE competitions
- Tomorrow engineers Robotics challenge