Department Curriculum for Design and Technology

	Rotation 1	Rotation 2	Rotation 3	Rotation 4
Year 7 Key stage 3	Food Hygiene and Safety.	Wood Joints - Timber based products and finishes.	Steady Hand Game - Electronic and timbe-based product.	Wall hangings- textiles and timber-based product.
Year 8 Key stage 3	Food Hygiene and Safety.	Crumble circuits – Electronic project constructing circuits and programmes.	Cushion-Textiles based products sources, properties, working with, finishes. Design skills.	Storage box- Timber based product, sources, properties, working with, finishes.
Year 9 Key Stage 3	British & International Cuisine.	Desk Lamp- Electronic and timber-based product.	Chocolate mould- Polymer theory and manufacturing techniques.	Stool- Timber based product using wood joints and finishes.

Useful websites-
https://www.bbc.co.uk/bitesize/subjects/zbtvxyc
https://www.technologystudent.com/
https://www.bbc.co.uk/bitesize/subjects/zfr9wmn

	Exam Board & Specification	Halt term 1 (Autumn)	Half term 2 (Autumn)	Half term 3 (Spring)	Half term 4 (Spring)	Half term 5 (Summer)	Half term 6 (Summer)
Year 10 Hospitality and Catering Key Stage 4	Eduqas	Unit 1 The hospitality and catering industry Unit 2 Hospitality and catering in action	Unit 1 The hospitality and catering industry Unit 2 Hospitality and catering in action	Unit 1 The hospitality and catering industry Unit 2 Hospitality and catering in action	Unit 1 The hospitality and catering industry Unit 2 Hospitality and catering in action	Unit 1 The hospitality and catering industry Unit 2 Hospitality and catering in action	Unit 1 The hospitality and catering industry Unit 2 Hospitality and catering in action
Year 10 Construction Key Stage 4	Eduqas	Unit 3 Constructing the built Environment	Unit 3 Constructing the built Environment Unit 1 Introduction to the built Environment	Unit 3 Constructing the built Environment Unit 1 Introduction to the built Environment	Unit 3 Constructing the built Environment Unit 1 Introduction to the built Environment	Unit 3 Constructing the built Environment Unit 1 Introduction to the built Environment	Unit 3 Constructing the built Environment Unit 1 Introduction to the built Environment
Year 10 Design and Technology Key Stage 4	AQA	Timber based materials -Sources and origins.	Metals-Sources, origins and properties. Polymers- Sources, origins and properties.	Polymers- sources, origins and properties. Working with polymers. Manufacture and finishing.	Papers and boards-Sources, origins and properties. Working with paper and board. Commercial manufacturing and surface treatments.	**Non-exam assessment** Textile based materials-Sources, origins and properties. Working with textiles. Manufacture and finishing.	**Non-exam assessment** Electronic systems- Sources, origins and properties. Working with electronics. Manufacture and finishing.

Useful websites-
https://www.bbc.co.uk/bitesize/examspecs/zby2bdm
https://www.bbc.co.uk/bitesize/subjects/zbtvxyc
https://technologystudent.com/despro_flsh/NEW_GCSE3.html

Year 11 Hospitality and Catering Key stage 4	Eduqas	Unit 2 Hospitality and catering in action Learning objective 1	Unit 2 Hospitality and catering in action Learning objective 2	Unit 2 Hospitality and catering in action Learning objective 3	Exam revision	Exam revision	
Year 11 Construction Key stage 4	Eduqas	Unit 2 Developing Construction projects Unit 1 Safety and Security in Construction	Unit 2 Developing Construction projects Unit 1 Safety and Security in Construction	Unit 3 Planning construction projects Unit 1 Safety and Security in Construction	Unit 3 Planning construction projects Unit 1 Safety and Security in Construction	Unit 3 Planning construction projects Unit 1 Safety and Security in Construction	
Year 11 Design and Technology Key stage 4	AQA	Non-exam assessment New and Emerging Technologies- Industry and enterprise. Sustainability and the environment. People, culture and society. Production techniques and systems. Informing design decisions.	Non-exam assessment Energy, materials, systems and devices- energy generation. Energy storage. Modern materials. Smart materials. Composite materials. Systems approach to designing. Electronic systems processing. Mechanical devices.	Non-exam assessment Common specialist technical principles- forces and stress. Improving functionality. Ecological and social footprint. Scales of production.	Non-exam assessment Making principles- Selection of materials and components. Tolerances. Material management. Tools, equipment, techniques and finishes. Surface treatments and finishes.	Exam revision Materials- Papers and boards. Timbers. Metals and alloys. Polymers. Textiles.	