

Subject Area: Technology Vocational – KS4

'Explores industry specific knowledge through a diverse range of skills including teamwork, creativity, problem solving and life skills. Students will enhance their employability skills, contributing to their personal development and future economic well-being'

Curriculum Overviews	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Hospitality Nutrition and health	Hospitality Food commodities and cooking methods	Hospitality Food safety	Hospitality Basic skills, pastry, cakes	Hospitality Industry	Hospitality Food provenance
	Food Preparation & Nutrition Food, Nutrition & Health	Food Preparation & Nutrition Food Commodities	Food Preparation & Nutrition Food Safety	Food Preparation & Nutrition Food Science	Food Preparation & Nutrition Food choices	Food Preparation & Nutrition Food provenance
	Hair and Beauty C&G Health and Safety, practical skills	Hair and Beauty C&G Practical skills, underpinning knowledge of subjects.	Hair and Beauty C&G Industry skill building, explore the industry and areas of specialisms.	Hair and Beauty C&G Design an image for a competition piece. Make up application.	Hair and Beauty C&G Communication and personal presentation. Plaiting and twisting.	Hair and Beauty C&G Portfolio building and log book production.
	Vehicle maintenance Health and safety. Safe use of tools and equipment. Manual handling. Fire prevention and emergency procedures.	Vehicle maintenance Consumable materials. Practical skills which underpin vehicle maintenance principals.	Vehicle maintenance Lubrication systems. Changing engine oil and filters.	Vehicle maintenance Spark ignition systems and maintenance. Removing, checking and replacing spark plugs.	Vehicle maintenance Spark ignition engine fuel systems. Removing, checking, and replacing fuel and air filters	Vehicle maintenance Engine cooling systems and maintenance. Remove a radiator and thermostat. Drain and refill a cooling system.
	Textiles Developing construction skills from KS3. Fibres Screen printing Students will make a kit roll.	Textiles Working with knitted fabrics. Students will make a festive hoody Lay planning and material management.	Textiles Smart and modern materials. Students will make a thermochromic hot water bottle cover.	Textiles Electronic Systems Energy storage Students will make a Textiles LED brooch. Using conductive thread and battery packs	Textiles Timbres theory Tie dye & batik. Shaping and forming: Pleating and gathers. Students produce textile and wood stool	Textiles NEA research and investigation. Contexts, clients, background research. Metals and polymers theories.

Year 11	Hospitality Nutrition, health and menu planning	Hospitality Nutritional needs and menu planning.	Hospitality NEA2	Hospitality Structure of the hospitality industry	Hospitality Industry customer needs, expectations and requirements.	Hospitality Exam revision
	Food Preparation & Nutrition NEA2 Coursework	Food Preparation & Nutrition NEA2 Revision	Food Preparation & Nutrition NEA2 Exam and Evaluation	Food Preparation & Nutrition Revision	Food Preparation & Nutrition Revision	
	Hair and Beauty C&G Design research an image using various platforms. Age, era and or authenticity of knowledge.	Hair and Beauty C&G Create the designed image using hair and make-up and props.	Hair and Beauty C&G Synoptic assessment.	Hair and Beauty C&G Synoptic assessment.	Hair and Beauty C&G Science.	Hair and Beauty C&G Exam revision.
	Vehicle maintenance Health and safety. Safe use of tools and equipment. Engine operation. Removal and replacement of a cylinder head.	Vehicle maintenance Braking systems and components. Remove and replace brake pads.	Vehicle maintenance Exhaust systems and components. Remove and replace an exhaust system	Vehicle maintenance Electrical circuits. Build and test a lighting circuit.	Vehicle maintenance Individual student projects.	Vehicle maintenance Individual student projects.
	Technology & Textiles NEA research and investigation & Specification The work of others Product analysis Presenting data Ergonomics and anthropometrics	Technology & Textiles NEA initial designs and development. Perspective & technical drawing. Surface decoration.	Technology & Textiles NEA Development of a prototype. Environment and social concerns. Fairtrade. Manufacturing specification.	Technology & Textiles NEA Evaluation. Scales of production. Papers and boards. Mechanisms.	Technology & Textiles Materials revision. Surface treatments.	Technology & Textiles Revision.

Texts, Exam Boards and Useful Websites:**Key Stage 4 (Year 10 - 11)**

Exam Board –WJEC (Construction, Food preparation, hospitality), IMI (Motor vehicle), City & Guilds (Hair & Beauty)

Hospitality <https://www.hospitalityandcateringnews.com/>

Food prep www.illuminatepublishing.com

Gastro Lab – BBC/ You Tube <https://www.senecalearning.com/>

Vehicle Maintenance www.nationalgeographic.co.uk/video/tv/car-sos
www.howstuffworks.com

Technology & Textiles PG online