	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	
Year 7 Food Main Content & Key Skills	Correct techniques to safely handle a sharp kitchen knife. Bridge & claw grips.	Use of the hob and oven to prepare and cook	Numeracy related to food & recipe planning	Move to DT			Safe and correct grip techniques using knife to slice, dice & julienne. Safe and correct use of Hob and oven to prepare food
	Eatwell Guide & function of nutrients	How to write an evaluation. Sensory and nutritional evaluation of food.	Costing food recipes and applying this to a weekly menu for a family.				Healthy eating principles & function of nutrients. Evaluation of food.
	Slice, dice and julienne vegetables	produce a variety of savoury dishes	produce a variety of savoury dishes				Food budgeting and numeracy
Feedback Points	HW- explain and show understanding questions.	L4- DART Knife skills	L7 - DART Evaluation Techniques				**National Curriculum Content - Cooking & Nutrition** **U**nderstand and apply the principles of nutrition and health. Cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet.
Direct Vocabulary Instruction	Hygiene, Diet, Function	Evaluate, Spoilage, Analyse	Sensory, Proportion, Factor				

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	
Year 7 DT Main Content & Key Skills	Develop knowledge of writing a Design Specification - ACCESSFMM.	Health and safety in DT Workshop	Finishing metal & finishing timber	Move to Food			knowledge of creating a Design Specification using ACCESSFMM.
	Develop skill in the use of 2D design CAD software to produce the mould for their pewter pendant	Develop skill in the use of measuring and marking out tools. H&S for band facer and pedestal drill	Extension - Pop up cards				Develop basic skills in the use of 2D design CAD software to produce pendant mould.
	Pewter Pendant project	Pewter pendant / Tea Candle holder	Tea Candle holder				be able to measure, mark out cut and shape timber. Finishing techniques for metal and timber.
Feedback Points	L3 CAD Skills	L5 - DART Pewter pendant design	L7 DART Marking Out skills				**National Curriculum Content - Desin & Technology** **Design** - use research understand user needs and solve design problems. develop specifications to design functional, appealing products. Generate creative ideas **Evaluate-** Analyse, test, evaluate and refine their ideas and products against a specification.
Direct Vocabulary Instruction	Analyse, Silhouette, Evaluate	Molten, Specification, Square,	Dowel,				

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	
Year 8 Food Main Content & Key Skills	Correct techniques to safely handle a sharp kitchen knife. Bridge & claw grips.	Use of the hob and oven to prepare and cook	Numeracy related to food & recipe planning	Move to DT			Safe and correct grip techniques using knife to slice, dice & julienne. Safe and correct use of Hob and oven to prepare food
	Eatwell Guide & function of nutrients	How to write an evaluation. Sensory and nutritional evaluation of food.	Costing food recipes and applying this to a weekly menu for a family.				Healthy eating principles & function of nutrients. Evaluation of food.
	Slice, dice and julienne vegetables	produce a variety of savoury dishes	produce a variety of savoury dishes				Food budgeting and numeracy
Feedback Points	HW- explain and show understanding questions.	L4- DART Knife skills	L7 - DART Evaluation Techniques				**National Curriculum Content - Cooking & Nutrition** **U**nderstand and apply the principles of nutrition and health. Cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet.
Direct Vocabulary Instruction	Hygiene, Diet, Function	Evaluate, Spoilage, Analyse	Sensory, Proportion, Factor				

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	
Year 8 DT Main Content & Key Skills	Health & safety in the DT Workshop. Create a design specification using ACCESSFMM.	Health and safety using band facer, cordless and pedestal drills.	Evaluation writing and applying this to manufacturing plans and quality of product based on specification criteria.	Move to Food			Develop an understanding of isometric drawings and draw the a cross halving joint. Use hand tools to mark out and cut a cross halving joint. Know how to chamfer edges and ends of timber, bore holes using a jig. Basic principles of assembly planning. Evaluation writing and finishing techniques for timber.
	Isometric drawing of a cross halving joint	Knowledge in the use of Jigs & templates	Different finishing techniques and application to project for timber.				
	Practical skills exercise to learn how to accurately mark out and cut a cross halving joint for mug tree project.	Planning for manufacture and use of flowcharts for mug tree project.	Mug tree project. Extension - Pop up cards				**National Curriculum Content - Design Technology** **Design -** Develop specifications to design functional, appealing products. Generate and communicate design ideas **Make -** Select and use specialist tools, techniques, processes, equipment and machinery precisely. **Evaluate-** Analyse, test, evaluate and refine their ideas and products against a specification.
Feedback Points	L3 - Isometric Drawing	L5 Halving Joint DART	L9 - Final Project				
Direct Vocabulary Instruction	Isometric, Square, Pare	Kerf, Chamfer, Flush	Dimension, Abrasive				

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	
Year 9 DT Main Content & Key Skills	Rules for Isometric & Orthographic drawings. Create isometric drawings from orthogonal or vice versa.	Generate a variety of design ideas to suit a target market, evaluate and use 2D design to create a CAD design that can be laser etched into the top of trinket box.	Finalise top design to be laser engraved into the top of trinket box.	Intro to 3D CAD Model using Autodesk Inventor software, produce a 3D model and working drawing for the trinket box	Mini NEA style Design Project to design & produce an Automata toy. Generating Design Ideas	Start of GCSE options - Recap Isometric, orthographic and 2D & 3D CAD - ACCESSFM & Alessi	Know how to produce isometric and orthogonal drawings. Develop sketching techniques to communicate design ideas. Use 2D & 3D CAD software. Select and use appropriate tools to safely mark out and cut joints to produce a variety of projects. Know and apply principles of assembly planning Evaluation writing and understanding of different materials used within DT and how to describe their common properties.
	Know how to accurately mark out and safely finger joints and other appropriate construction techniques.	Knowledge of soft and hard woods, timber processing and timber products.	Evaluation and application of a finish	Types of Production methods and manufacturing in quantity. Quality control	Knowledge of cams, gears and mechanisms.		**National Curriculum Content -** **Design Technology** **Design -** use research understand user needs and solve design problems. develop specifications to design functional, appealing products. Generate creative ideas and communicate design ideas using annotated sketches, detailed plans, 3-D modelling. **Make -** Select and use specialist tools, techniques, processes, equipment and machinery precisely, including computer-aided manufacture. **Evaluate-** Analyse, test, evaluate and refine their ideas and products against a specification. Understand developments in design and technology, its impact on individuals, society and the environment.
	Trinket Box	Trinket Box	Trinket Box	Trinket Box	Automata Toy project or Robot Pencil Sharpener		
Feedback Points	L6 - DART - Isometric & Orthographic Drawing	L9 - DART Finger Joint (PSE)	L17 DART - Manufacturing procedures & Use of DVI - finger Joints				
Direct Vocabulary Instruction	Isometric, Dimension, Coordinate, Square, Kerf, Pare	Evaluate, Orientate, Scribe, Flush, Silhouette	Abrasive, Accuracy, Laminate, Scale	Rebate, Housing, Engrave,			

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	
	1.15 Investigate and analyse the work of past and present professionals and companies in order to inform design	1.1 -1.2 The impact of & evaluation of new and emerging technologies	1.8 - 1.12 The categorisation of the types, properties and structure of CORE materials	1.8 - 1.12 The categorisation of the types, properties and structure of CORE materials	1.5 The functions of mechanical devices used to produce different sorts of movements, and the direction of forces	1.16 - 1.17 Use different design strategies to generate initial ideas and communicate, record and justify design ideas	Knowledge and understanding of **Core Content** and applying this to exam style questions

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	
Year 10 DT Main Content & Key Skills	7.1 - 7.2 The sources, origins, physical and working properties of each natural and manufactured timber and their social and ecological footprint 7.7 techniques, tools, equipment and processes to shape, fabricate, construct and assemble a high-quality prototype	7.3 - 7.5 Selection of natural/manufactured timber , impact of stress/forces and standard stock forms. 7.7 techniques, tools, equipment and processes to shape, fabricate, construct and assemble a high-quality prototype	7.3 - 7.5 Selection of natural/manufactured timber , impact of stress/forces and standard stock forms. 7.7 techniques, tools, equipment and processes to shape, fabricate, construct and assemble a high-quality prototype	7.7 techniques, tools, equipment and processes to shape, fabricate, construct and assemble a high-quality prototype 7.8 Appropriate surface finishes that can be applied timber for functional and aesthetic purposes	7.6 Alternative processes to manufacture products of each natural to different scales of production. 7.7 techniques, tools, equipment and processes to shape, fabricate, construct and assemble a high-quality prototype	Recap Core & Timber content	Knowledge and understanding of **Timber Content** and applying this to exam style questions
	Worktop protector	Worktop protector	Worktop protector Wooden spoon Use of Autodesk Inventor - Parts & Assemblies	Wooden spoon Tea candle holder Use of Autodesk Inventor - Parts & Assemblies	Mini NEA Style GCSE Project -Carry All or Trinket Box	NEA research and begin GCSE project (June)	Evaluation writing and understanding of different materials used within DT and how to describe their common properties.
Feedback Points	L7 - DART Bridle Joint PSE	L8 DART Isometric Drawing L12 DART Halving Joint	L19 PPE DART Vocab & L20 PPE DART Manufacturing procedures				
Direct Vocabulary Instruction	Specification, Influence, Pare, Grain, Design Philosophy,	Elevation, Square, Kerf, Chuck, Chamfer, Scribe, Abrasive, Flush, Laminate	Template, Extruded, Production, Tolerance,	Constrain, Deciduous, Grain, Veneer, Density			

	Term 1		Term 2		Term 3		End Points
	Module 1	**Module 2**	**Module 3**	**Module 4**	**Module 5**	**Module 6**	
Year 11 DT Main Content & Key Skills	1.4 Developments in modern and smart materials, composite materials and technical textiles	1.3 How energy is generated and stored in order to choose and use appropriate sources to make products and power systems	1.13-1.14 contexts which inform outcomes and environmental, social and economic constraints that influence designing and making	1.6 - 1.7 electronic systems control a variety of inputs, and outputs to embed functionality into products	Recap Core & Timber content for GCSE exam		Knowledge and understanding of **Core Content** and applying this to NEA exam style questions
	Non-Exam Assessment - NEA	NEA	NEA	NEA			Knowledge and understanding of Timber Content and applying this to NEA & exam style questions