Rainford High School – Department: Art & Design Technology

	Year 7 Curriculum					
	Half-Term 1	**Half-Term 2**	**Half-Term 3**	**Half-Term 4**	**Half-Term 5**	**Half-Term 6**
Topic	**Product Design Desk Tidy**	**Art & Design- Mini Beasts**	**Food Various recipes**	**Graphics/Mechanisms Mechanical Toy**	**Textiles Monster**	**Art & Design- Close Ups**
Essential knowledge, skills and understanding	Health and safety in the workshop Workshop skills used in a range of materials. Designing and making Tool selection Materials properties Working to tolerance Manufacturing techniques Batch production Analysing a set task Working to a brief Making/modelling skills Use of CAD/CAM Use of jigs and templates	Introduction to Formal Elements in Art (Line, Shape, Form, Colour, Tone, Texture, Pattern, Composition) Drawing, Designing & Observational Skills- pencil techniques (Tone & Mark making), working with scale, proportions. Colour Theory- understanding primary, secondary, complementary and harmonious colour. Warm and cool colours, variations in tone used to create contrast and form. Understanding the process of generating ideas, designing a composition, mark making, applying colour theory and print making techniques.	Food Safety Food Hygiene Practical application of knife skills Safe use of hob and oven Using the correct equipment Heat transfer methods Understanding Basic Nutrition Eat Well Guide	Drawing and presentation skills Following a design brief Research skills Designing skills Colour and imagery Surface pattern design Manipulating graphic/ resistant materials Making/modelling Use of CAD/CAM Cardboard engineering Understanding of simple mechanisms Evaluation	Designing skills Making skills Drawing and presentation skills Use of sewing machine Simple pattern drafting Textile construction techniques Developing creative solutions Natural fibres Manufactured fibres Material properties Evaluating	Introduction to Formal Elements in Art (Line, Shape, Tone, Form, Colour, Pattern, Texture, Proportions, Form) Drawing, Designing & Observational Skills- pencil techniques (Tone & Mark making), working with scale, proportions. Colour Theory- understanding primary, secondary, complementary and harmonious colour. Warm and cool colours, variations in tone used to create contrast and form. Understanding the process of generating ideas, designing a composition, applying colour theory and applying textures.
Assessments and assessment focus	Formative assessment: End of project test and application of practical skills in the production of outcomes.	Formative assessment: End of project test and application of practical skills in the production of outcomes.	Formative assessment: End of project test and application of practical skills in the production of outcomes.	Formative assessment: End of project test and application of practical skills in the production of outcomes.	Formative assessment: End of project test and application of practical skills in the production of outcomes.	Formative assessment: End of project test and application of practical skills in the production of outcomes.