

Year 8 Learning Journey 2023-2024

<i>Wk</i>	<i>Date</i>	<i>Design</i>	<i>Make</i>	<i>Evaluate</i>	<i>Knowledge</i>	<i>Assessment</i>	<i>Project</i>
1	04.09.23	Aeroplane project - Analyse the design brief using a task analysis. Identify further areas to research					Aeroplane
2	11.09.23	Target Market - Profile the target market. Use the reseach to identlify area where we can make to product more appealing to them.					Aeroplane
3	18.09.23	Packaging Design - The purpose of packaging. What information is needed on packaging? How do we use packaging to make the product more appealing?					Aeroplane
4	25.09.23	Packaging Make - Net packaging. Safety symbols and their purposes.					Aeroplane
5	02.10.23	Plane Build - Maufature of slot together products. Understanding of how parts go together.					Aeroplane
6	09.10.23	Plane & Packagng Assembly - Evaluate. Use of ACCESS FAME to analyse and evaluate their packaging.				Product Evaluation	Aeroplane
7	16.10.23	Pause and RAP					Aeroplane
Half-term							
8	30.10.23	Trivet frame - Cutting timber to required size. Use of measuring and marking tools. How to make a lap joint.					Trivet
9	06.11.23	Trivet frame - Complete 4 lap joints. Quality control checks to ensure cuts are accurate and frame is square.					Trivet
10	13.11.23	Trivet frame - Use of the plane. Mark and cut cross halving joint and assemble using counter sunk screws				Practical Assess't	Trivet
11	20.11.23	Contingancy - Completion of trivet frame. Photo of completed work attached in their book					Trivet
12	27.11.23	Introduction to Designers - Yinka Ilori / Rei Kawakubo / Karim rashid.				Data Drop	Designers Research
13	04.12.23	Designer Research - Designers work can be used to influence my own. Where are they from? What do they do? What are their influences? How would you describe their style of work?					Designers Research
14	11.12.23	Pause and RAP					Designers Research
Christmas							
15	02.01.24	Introduction to the prooject. Use the specification to create unique designs. Peer assessment to identify areas for development					Acrylic Flower Vase
16	08.01.24	Card Modelling of chosen design - Understand design limitations and material constriants.					Acrylic Flower Vase
17	15.01.24	Polymers Theory - Polymers are syntheyic plastics. There are two types of polymers. Polymers have different working properties.					Acrylic Flower Vase
18	22.01.24	Polymer Theory - Polymer origins, envirnemntal impact. Pros and cons of using polymers.					Acrylic Flower Vase
19	29.01.24	Practical - Making Vase - Bending and shaping of acrylic. Fixing acrylic to acrylic using solvent cement. Picture of completed product.					Acrylic Flower Vase
20	05.02.24	Contingency time - revision - assessment				Polymer knowledge assessment	Acrylic Flower Vase
Half-term							
21	19.02.24	Finish vase and Evaluation - ACCESS FAME					Acrylic Flower

22	26.02.24	Introduction - marking aluminium - use of metal working tools - H&S, Categories of tools (measuring/marketing/cutting/shaping/holding/finishing)		Tic Tac Toe
23	04.03.24	Metal types - ferrous and Non-Ferrous and their differences. Working properties. Forces and stresses.	Metals Assessment	Tic Tac Toe
24	11.03.24	Practical - Tolerances - All measurements are within +/- 1mm. Centre punch & Drill. File and clean up aluminium		Tic Tac Toe
25	18.03.24	Practical - Drill & Finish	Data Drop	Tic Tac Toe
26	27.03.24	Design brief and task - Project front page. Typography and skull designs.		Day of the Dead
Easter				
27	17.04.24	Research Day of the Dead festival - social/cultural/moral impacts of a product. It is important to understand and celebrate cultural differences		Day of the Dead.
28	24.04.24	Pause - Exam Prep / Testing of fibres.		Testing of fibres
29	02.05.24	Exam Prep / Exam	EOYE	
30	08.05.24	Exam / Testing of fibres	EOYE	
31	15.05.24	Practical - make skull design for bunting. Applying fabrics together.		Day of the Dead
32	22.05.24	Practical - apply skull to bunting. Use of different types of stitching.	Assessment - Practical outcome.	Day of the Dead
Half-term				
33	05.06.24	Introduction to Tinker CAD - Understanding the design tools and how it used. Tutotial sheets		Tinker CAD
34	12.06.24	how does electricity work? Understanding voltage and current. Resistance slows the rate of current.		Tinker CAD
35	19.06.24	electronic components - There are differernt types of components that have differnet uses and are categorised into input - process - output.		Tinker CAD
36	23.06.24	Create circuits to perform a task. Use TinkerCad software to test and simulate circuit designs.		Tinker CAD
37	03.07.24	Continue with designing circuits using TinkerCad	Data Drop	Tinker CAD
38	10.07.24	Identifying components and their uses. RAP	Assessment - Components	Tinker CAD
39	17.07.24	Activities Week		

Year 8 Assessment Progress Tracker 2022-23

Name:			Key Constructs:	
Subject Target		EOYE	AO1	Design
	Flightpath	BFL	AO2	Make
Autumn			AO3	Evaluate
Spring			AO4	Knowledge
Summer				

Date	Assessment	Grade	B4L	Date	Assessment	Grade	B4L
09.10.23	Plane Packaging & Assembly Evaluation			08.05.24	End of Year Exams		
13.11.23	Trivet Frame Practical Assessment			22.05.24	Assessment - Practical outcome.		
19.02.24	Polymer knowledge assessment			10.07.24	Assessment - Components		
04.03.24	Metals Assessment						