

Year 7 Learning Journey 2023-2024

Wk	Date	Design	Make	Evaluate	Knowledge	Assessment	Project
1	04.09.23	Introduction to Technology - Baseline Test				Baseline Test	
2	11.09.23	Introduction to Workshop - H&S - Hazards, risks and control measures?					Balloon Boat
3	18.09.23	FPT - Mark out & cut bow - Use tools safely when working with wood					Balloon Boat
4	25.09.23	Drill and assemble - Use machinery safely and accurately in the workshop - Safety log on Go					Balloon Boat
5	02.10.23	Wood is Good - Types of timber - Softwoods & Hardwoods and their differences.					Balloon Boat
6	09.10.23	Assessment - H&S, tools and equipment. Complete Boats - Quality control checks.				Knowledge - What I know now	Balloon Boat
7	16.10.23	Pause and RAP					
Half Term							
8	30.10.23	Introduce project - scroll saw and mark out - use of tools & machinery safely and accurately					Crescent Moon
9	06.11.23	Cut, drill, finish crescent. Develop use of skills you have learnt to complete a project?					Crescent Moon
10	13.11.23	Wood is Good - Manufactured Boards. Origins, how they're made and why they're used.					Crescent Moon
11	20.11.23	Introduce project Brief, Specification & design. Products are made for a purpose.					Christmas Tree
12	27.11.23	Designing card models - prototyping. Models are created to inform design decisions and to save on resources				Data drop	Christmas Tree
13	04.12.23	Mark out and make using plywood - Develop workshop skills to make a product that is fit for purpose.					Christmas Tree
14	11.12.23	Complete project. We apply a finish to materials to protect it and enhance their appearance. Evaluate completed work				Product Evaluation	Christmas Tree
Christmas							
15	02.01.24	Introduce Project - working drawing contain information such as the appearance of the completed product and size dimensions? There are specific tools we need to use when working with metals.					Metal is Magic
16	08.01.24	Mark out card designs. Templates are used for batch production. This ensures accuracy and that each product will be the same.					Tea Light
17	15.01.24	Metal is Magnificent - Ferrous/Non-ferrous metals. Origins, differences and extraction.					Tea Light
18	22.01.24	Product Analysis - Designers analyse existing products to gain understanding of a product and to get inspiration. ACCESS FMM key words are a helpful to tool analyse.				Product Analysis	Tea Light
19	29.01.24	Mark out and begin practical. Use of metal marking and measuring tools. Steel rule, engineers square, scribe, centre punch					Tea Light
20	05.02.24	Shape and drill metal. Properties & characteristics of aluminium. The reasons why we chose Aluminium for our tea lights.					Tea Light
Half Term							
21	19.02.24	Finish and Assemble - Methods used to remove scratches. Ensure quality of finish.					Tea Light
22	26.02.24	Pause and RAP					

23	04.03.24	Introduction to Project - Skoolio - Difference between sketching and drawing. Techniques used to improve sketching	Isometric Drawing	Sketching and drawing skills
24	11.03.24	Motion and mechanisms - the purposes of mechanisms is to either improve mechanical advantage or change one for of motion to another.		Card Model
25	18.03.24	Forces and mechanisms - different forces that can impact a products ability to function. Cams and linkages help change one type of motion to another.	Data Drop	Card Model
26	27.03.24	What is Textiles? There are natural and sythetic fibres. Each fibre has specific properties. They are processed and woven into yarns.		Textiles - Plush
Easter				
27	17.04.24	Assembling Fabrics - Farics can be bonded woven and stiched together using a range of techniques.		Textiles - Plush
28	24.04.24	Exam revision		
29	02.05.24	Annual Exams	Annual Exams	
30	08.05.24	Annual Exams	Annual Exams	
31	15.05.24	RAP/Address misconceptions		
32	22.05.24	Plush Specification - aspecification is a lot of criteria that your designs and final product need to meet.		Textiles - Plush
Half Term				
33	05.06.24	Plush Design Sheet - Design creative ideas that take I consideration of the brief and specification.	Initial Designs	Textiles - Plush
34	12.06.24	Plush Practical - Use three different types of stitching to produce your product.		Textiles - Plush
35	19.06.24	Evaluation - what has gone well so far? What do I need to do to improve it? Does it fit my specifiacion criteria?		Textiles - Plush
36	23.06.24	Plush Finish & Evaluate final prodcut. The specification is a good tool to judge your final product against.		Textiles - Plush
37	03.07.24	Introduction to polymers - Thermoplastics are different from thermosetting plastics.	Data drop	Keyring
38	10.07.24	Polymers - Polymers can be bent, moulded and shaped using different techniques and methods.		Keyring
39	17.07.24	Activities Week		

Year 7 Assessment Progress Tracker 2022-23

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

<i>Date</i>	<i>Assessment</i>	<i>Grade</i>	<i>B4L</i>	<i>Date</i>	<i>Assessment</i>	<i>Grade</i>	<i>B4L</i>
04.09.23	Baseline Test			04.03.24	Isometric Drawing		
09.10.23	Knowledge - What I know now			08.05.24	Annual Exam		
11.12.23	Product Evaluation - Christmas Tree			22.05.24	Initial Designs - Plush		
22.01.24	Product Analysis - Tea Light						