

THE LEARNING JOURNEY FOR DESIGN AND TECHNOLOGY

Unit / Block of work	Key Episodes / Questions	Additional Detail	Colour code	Length of time.	Possible Symbol?	Learner Attribute(s)
Practical skills project	Develop your understanding of Health and Safety	Essential students are following the DATA health and safety procedures throughout DIS journey	Blue	1 term	Wooden pencil holder	
	Be able to use a range of hand tools	IB Topic 4 content and IGCSE materials exam content			Pencils	
	Develop accuracy around measuring	IB Topic 2 SL and Topic 9 HL is heavily focused on sustainable and green design				Risk Taking
	Be able to write a manufacturing plan based on knowledge of tool and machinery					
	Be able to use a range of machinery safely including pillar drills and fret saw					Principled
	Develop understanding of a range of plastics	AT IGCSE Criterion 4 - students must develop prototypes and final idea using a range of workshop skills and Criterion 6 - students must reflect and log their making journey				
	Complete pencil holder practical assessment					
Key Ring Project	Develop understanding of design briefs	At IGCSE and IB level students are expected to be able to write their own design briefs	Pink	1 term	Pencil and paper	Collaboration
	Develop research skills and critical analysis from looking at existing designs	At IGCSE and IB level students must be able to critically reflect on existing designs to help innovate their own design ideas				Communicator
	Building skills to be able to annotate design ideas	Annotations are a critical skill and a core part of the iterative design process				
	How to use client opinion in establishing success of a design?	Client feedback is a valuable part of iterative design, students must demonstrate iterative thinking in their IA				
	How to successfully annotate work throughout the portfolio	Students are expected to annotate design ideas throughout the Criterion 3 and 4 section of the coursework, this also expected in IA for IB in the development stage				
Phone holder	Classification of woods	IGCSE Spec: Analyse the characteristics of different types of woods	Green	1 term	Saw and band facer	Risk taker
	How to cut mdf using a bench hook and tenon saw	Students must use tools and machinery safely and effectively throughout the duration at DIS.				Knowledgeable
	How to accurately measure and mark wood					
	Introduction to the band facer	Students must use tools and machinery safely and effectively throughout the duration at DIS.				