CURRICULUM MAP- Year 7 Puzzle Box

Resistant Materials: Throughout their Year 7 rotation students will develop a working knowledge of materials and use a range of tools, equipment and processes to design and make a puzzle box.



						EOR Assessment Point
						Practical Assessment
					Detette e Marsha	Key Disciplinary Knowledge
					Rotation Weeks	
					9 and 10 19	Health and safety
					28 and 29	Cutting techniques
					28 and 29 38 and 39	Shaping techniques
				Detetion Weeks		Joining techniques
				Rotation Weeks:	Overarching unit intent:	Finishing techniques
				7 and 8 17 and 18	Due sticel lesses	Hand tools
				26 and 27	<u>Practical lesson</u>	Fixed equipment
				26 and 27 36 and 37	Students will develop skills	Portable power tools
					and confidence using the	Manufacture
			Rotation Weeks:	Overarching unit intent:	pillar drill to make a mechanism for the lid of their	
			5 and 6	a		Key Concepts
			15 and 16	<u>Practical lesson</u>	puzzle box.	Students will be assessed on
			24 and 25	Students will assemble their	Specific health and safety in relation to the pillar drill.	their ability to demonstrate the
			34 and 35	puzzle box using a range of	relation to the plinar drill.	correct health and safety
	Rotation Weeks:	Assessment Point:	Overarching unit intent:	techniques that require the	Testing and Evaluation	throughout the project,
	3 and 4	Summative or AFL		use of hand tools and basic	Testing and Evaluation	demonstrate the correct and
	13 and 14		Practical lesson	hand tools. Specific health	Students will learn the	confident use of tools and
	22 and 23		Students will develop skills	and safety in relation to	importance of testing and	equipment and the overall
	32 and 33		and confidence using the	adhesives and basic hand	evaluation within the design	quality of their finished product.
Rotation Weeks:	Overarching unit intent:	Literacy Assessment	scroll saw to manufacture	tools being used.	process and industry.	
1 and 2			their jigsaw. Specific health	Bustitudia	Company	
11 and 12	Design development using	Key disciplinary knowledge	and safety in relation to the	Practical lesson	Careers Decident to store	
20 and 21	SCAMPER.	Development	scroll saw.	Students will learn how to	Product testers	
30 and 31	Students will learn the	Substitute		apply material preparation	Catholia Social Teaching	
Overarching unit intent:	importance of design	Combine	Practical lesson	and finishing techniques.	Catholic Social Teaching	
	development and use the	Adapt	Students will develop skills	Specific health and safety in	Dignity Common Good	
Health and safety in the	SCAMPER technique to	Modify	and confidence using a range	relation to the equipment	Solidarity	
workshop.	develop their ideas.	Erase	of basic hand tools to	and materials being used.	Dignity of Work and	
Students will learn the	Substitute	Replace	construct the box for their	Caraara	Participation	
importance of health and	Combine	Technique	puzzle. Specific health and	Careers Graphic design	1 articipation	
safety in the Resistant	Adapt	Hazard	safety in relation to the hand	Graphic design		
Materials workshop including	Modify	Safety	tools being used.	Catholic Social Teaching		
health and safety rules and	Put to other use	*	Caraara	Catholic Social Teaching Solidarity		
hazard signs and symbols.	Erase	Key Concepts	Careers	Creation and Environment		
	Replace	Students will be assessed on	Discussions surrounding			
Generate a range of creative	The state of the state state of	the correct spelling and their	specific careers within the	Dignity of Work and		
design ideas.	Transfer of final design to	understanding of key	development of new	Participation		
Students will learn how to	MDF.	vocabulary.	technology.			
produce creative design	Students will use a variety of		Cathelia Casial Tasaki			
ideas for their puzzle	techniques to transfer their		Catholic Social Teaching			
character.	final design onto their MDF.		Solidarity			

With God all things are possible Matthew 1926

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		Creation and Environment		
Careers	Careers	Dignity of Work and		
Discussions on different	Discussions around what	Participation		
industries/jobs where health	careers may need use			
and safety are extremely	creativity. Discuss the			
important.	different types of creativity			
	e.g. creative writing.			
Catholic Social Teaching	с с			
Dignity	Catholic Social Teaching			
Common Good	Common Good			