CURRICULUM MAP- Year 8 Bird Box/ Bug House Resistant Materials: In Year 8 students will develop and continue to enhance their knowledge of technological drawing techniques. They will also complete a design and make project using and developing knowledge and manufacturing techniques acquired in Year 7.



							EOR Assessment Point
							Practical Assessment
						Rotation Weeks	Key Disciplinary
						9 and 10	<u>Knowledge</u>
						19	Health and safety
						28 and 29	Cutting techniques
						38 and 39	Marking out
				Rotation Weeks:	Assessment Point:	Overarching unit	Joining techniques
				7 and 8 17 and 18	Summative or AFL	<u>intent:</u> Evaluation	Finishing techniques
				26 and 27		Students will learn	Hand tools
				36 and 37		information around the	Fixed equipment
			Rotation Weeks:	Overarching unit	Design Assessment	key topics of:	
			5 and 6	intent:		Evaluation	Key Concepts
			15 and 16	Manufacture	Key disciplinary	Students will learn	Students will be assessed
			24 and 25	Students will learn	knowledge	information around the	on their ability to
			34 and 35	information around the	1 & 2 point perspective	key topics of:	demonstrate the correct
	Rotation Weeks:	Assessment Point:	Overarching unit	key topics of:	Colour rendering	 Evaluation of 	health and safety
	3 and 4	Summative or AFL	<u>intent:</u>	Manufacture	Annotation	products and processes	throughout the entirety of
	13 and 14		Manufacture	Manufacture:		Evaluation:	their project, demonstrate
	22 and 23		Students will learn	Students will be	Key Concepts	Students will evaluate	the correct and confident
Deterio Monto	32 and 33		information around the	completing a range of practical tasks and	Students will be assessed on the	their work throughout the practical process	use of tools and
Rotation Weeks:	Overarching unit	Literacy Assessment	key topics of: • Manufacture	activities which will	presentation of their	and equally at the end	equipment and use a
1 and 2 11 and 12	<u>intent:</u> Drawing and Design	Key disciplinary	Manufacture:	develop their skills in	work, their creativity	of the manufacture for	range of techniques and
20 and 21	Techniques	knowledge	Students will be	working with a range of	and innovation, their	the product. This	processes to cut, shape,
30 and 31	Students will learn	Isometric	completing a range of	tools and equipment in	use of technical	requires students to be	join and finish timber and
Overarching unit	information around the	Perspective	practical tasks and	a work shop	drawing skills	able to be self-critical as	plastic materials.
intent:	key topics of:	Sustainability	activities which will	environment. This will	(perspective), colour	well as suggest	
Research	• Drawing: 1 & 2 point	Renewable	develop their skills in	also include tools,	rendering and the	methods for improving	
Students will learn	perspective	Recycle	working with a range of	materials and	quality of their	both application and	
information around the	 Drawing: rendering 	Environment	tools and equipment in	equipment for finishing	annotation.	skills.	
key topics of:	techniques	Specification	a work shop	a product/piece of		Students will use a	
Task analysis	Design:	Analysis	environment. This will	materials.		range of reading	
Sustainability	Students will generate	Manufacture	also include tools,	Students will learn practical information		strategies: • Breakdown	
Specifications	ideas for their Bird Box/	Consumer	materials and equipment for finishing	around the key topics		information	
Research: Students will develop	Bug House creating solutions to their	Key Concepts	a product/piece of	of:		Visualisation	
their skills in writing a	written specification.	Students will be	materials.	•Cutting and shaping		Learning new	
list of design	Design techniques will	assessed on the correct	Students will learn	•Construction methods		vocabulary	
requirements	be shown through the	spelling and their	practical information	•Application of		Prediction	
(specification) for their	use of 3D design as well	understanding of key	around the key topics	appropriate finishes		• Infer	
product following a set		vocabulary.	of:	Students will:		• Form opinions	

www.stjamescheadle.co.uk

With God all things are possible Matthew 19:26

CURRICULUM MAP- Year 8 Bird Box/ Bug House Resistant Materials: In Year 8 students will develop and continue to enhance their knowledge of technological drawing techniques. They will also complete a design and make project using and developing knowledge and manufacturing techniques acquired in Year 7.



design brief. This will	as how to annotate and	•Cutting and shaping	• In practical sessions,	Writing skills will be	
require students to	render a design idea.	•Construction methods	develop skills,	developed in lesson	
consider a range of	Students will learn	•Application of	techniques and	and through home	
areas including design,	theoretical and	appropriate finishes	processes in relation to	learning and	
function, materials,	practical information	Students will:	working with a range	assessment tasks.	
user etc.	around the key topics	• In practical sessions,	of materials.	Students will be given	
Students will use a	of:	develop skills,	• In practical sessions,	opportunities to	
range of reading	•Drawing in 1 & 2 point	techniques and	develop their ability to	complete a range of	
strategies:	perspective.	processes in relation to	use specialist technical	focused extended	
Breakdown	Students will:	working with a range	equipment.	writing tasks as well as	
information	• In practical sessions,	of materials.	• In practical sessions,	opportunities to	
Visualisation	develop skills,	• In practical sessions,	develop their	develop oracy via	
• Learning new	techniques and	develop their ability to	understanding of	discussions and debate.	
vocabulary	processes in relation to	use specialist technical	health and safety and		
Prediction	drawing.	equipment.	specific regulations for		
• Infer	• In practical sessions,	• In practical sessions,	working with tools and		
• Form opinions	develop their ability to	develop their	equipment		
Writing skills will be	use specialist technical	understanding of	Through practical		
developed in lesson	equipment.	health and safety and	sessions,		
and through home		specific regulations for	independently build		
learning and		working with tools and	their confidence and		
assessment tasks.		equipment	resilience levels as they		
Students will be given		 Through practical 	work with specific		
opportunities to		sessions,	materials.		
complete a range of		independently build			
focused extended		their confidence and			
writing tasks as well as		resilience levels as they			
opportunities to		work with specific			
develop oracy via		materials.			
discussions and					
debate.					