

Curriculum Plan

Y9 (Long thin) Edexcel Design & Technology

		W/C 2 nd November	W/C 9 th November	W/C 16 th November
How you will access home learning		The PowerPoints and lesson materials will be available in your Y9 group on Microsoft Teams - Y9 Long Thin RM.		
How you be able to interact with your teacher and gain feedback on your work		You will be able to join each lesson via Microsoft Teams. This will enable you to listen to teacher delivery, to ask questions, and to complete the same tasks live, as those who are working in the lesson. You can join in with questioning in the lesson using the chat function to check your understanding.		
Retrieval How we will help you to recall previously learnt knowledge		Recall all the 13 timbers and separate them into hardwood, soft wood and manufactured board.	Recall the metals and separate them into ferrous and non-ferrous metals, papers and boards and separate them too,	Recall all the polymers and separate them into thermo and thermoset. Recall the textiles and separate them into woven and non-woven,
New Learning	What you will be learning about this week	<ul style="list-style-type: none"> Material categories and properties - papers and boards and ferrous and non-ferrous metals How to create a dowel joint. 	<ul style="list-style-type: none"> Material categories and properties - polymers and textiles How to create a finger joint. 	<ul style="list-style-type: none"> Mechanical devices - movements, levers, mechanical advantage. How to create a mitre joint.
	How we will teach you the new knowledge or ideas	PowerPoint, teacher demonstrations, video demonstrations	PowerPoint, teacher demonstrations, video demonstrations	PowerPoint, teacher demonstrations, video demonstrations
	Activities that will help you learn and practice what you've been taught	Creating the joint in class or watching the video at home. Completing a mock exam or mind map using the skills and knowledge learnt in lesson.	Creating the joint in class or watching the video at home. Completing a mock exam or mind map using the skills and knowledge learnt in lesson.	Creating the joint in class or watching the video at home. Completing a mock exam or mind map using the skills and knowledge learnt in lesson.
	What you can do if you are stuck	Join the live lesson on MS Teams. Use the core knowledge PowerPoints in G:\Technology\Core Knowledge	Join the live lesson on MS Teams. Use the core knowledge PowerPoints in G:\Technology\Core Knowledge	Join the live lesson on MS Teams. Use the core knowledge PowerPoints in G:\Technology\Core Knowledge

		W/C 23 rd November	W/C 30 th November	W/C 7 th December	W/C 14 th December
How you will access home learning		The PowerPoints and lesson materials will be available in your Y9 group on Microsoft Teams - Y9 Long Thin RM.			
How you be able to interact with your teacher and gain feedback on your work		You will be able to join each lesson via Microsoft Teams. This will enable you to listen to teacher delivery, to ask questions, and to complete the same tasks live, as those who are working in the lesson. You can join in with questioning in the lesson using the chat function to check your understanding.			
Retrieval How we will help you to recall previously learnt knowledge		Recall the 3 types of levers and list some examples.	Complete the questions on angles in linkages.	Recall the types of cams and describe what job they have.	Spend the first 30 minutes revision timbers, mechanical devices and materials.
New Learning	What you will be learning about this week	<ul style="list-style-type: none"> Mechanical devices - linkages, bell cranks, crank and sliders, treadle, angles in linkages How to sand and prepare your timber. 	<ul style="list-style-type: none"> Mechanical devices - cams and followers, gears and gear trains, How to apply a finish to timber. 	<ul style="list-style-type: none"> Mechanical devices - pulleys and belts How to laser cut using CoralDraw. 	<ul style="list-style-type: none"> Mock paper to be completed at home.
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