



## Year 12 Design & Technology Product Design

## Learning Programme 3

PRT Task 1

PRT Task

			<ul> <li>Literacy:</li> <li>Capital letters must be used at the st</li> </ul>
The Moral Virtues focus for this LP are: RESPEC			of sentences and for the first letter of
Respect - treat others how you would wish to b			proper nouns
Justice - our College rules are fair and reasonab What will I be learning about in this Learning Program			Full stops must be used at the end of
		ufacturing processes to make	sentence
To know the manufacturing processes to make final prototypes from polymers, metals and timbers. To know the manufacturing processes to make commercial products from polymers, metals and timbers.		<ul> <li>Question marks must be used at the</li> </ul>	
			end of a question
			<ul> <li>Apostrophes should only be used for</li> </ul>
Where have I seen this learning before?	s to make prototypes, at CCCE level you will have learnt how time	or products are manufactured	possession or omission
IT KSS D&T you will have applied workshop processes	s to make prototypes; at GCSE level you will have learnt how time	products are manufactured.	<ul> <li>Days of the week and months must spalled correctly.</li> </ul>
			<ul> <li>spelled correctly</li> <li>Key words must be spelled correctly</li> </ul>
			· Key words must be spened correct
What could I use it for?			
able to identify how a range of everyday products are	turing processes to produce prototypes for your A level exam and a manufactured	non-examined assessment. You will be	
able to identify now a range of everyday products are	i manufactureu.		
In LP3.1, I will know:	06/01/25 - (WK 2)	Key Vocabulary	Homework
the processes and equipment used to manufacture w		key vocabulary	Workshop wastage techniques.
what type of wasting techniques (subtraction process			
plan out the production of my passive speaker.		Wastage	
In LP3.2, I will know:	13/01/25 - (WK 1)	Key Vocabulary	Homework
	line bending, vacuum forming and thermoforming (7.2b);		Workshop polymer processing metho
how polymers can be processed commercially by inje	ction, blow moulding and extrusion (7.3a);	Commercial	
initiate the manufacture of the passive speaker.		manufacturing	
In LP3.3, I will know:	20/01/25 - (WK 2)	Key Vocabulary	Homework
how polymers can be processed commercially by rota			Commercial polymer processing
how to identify the polymer processes applied to make		Compression	methods.
how to use tools and equipment to manufacture the	passive speaker.	moulding	
In LP3.4, I will know:	27/01/25 - (WK 1)	Key Vocabulary	Homework
how metals can be processed in a DT workshop (7.2b)			Metal processing methods.
how to use tools and equipment to manufacture the	passive speaker.		
		Sand casting	
Extended Task.			
Extended Task. In LP3.5, I will know:	03/02/25 - (WK 2)	Key Vocabulary	Homework
		Key Vocabulary	
In LP3.5, I will know:		Key Vocabulary	
In LP3.5, I will know: how metals are processed commercially to make proc		Key Vocabulary Die casting	Homework Commercial metal processing method
In LP3.5, I will know: how metals are processed commercially to make proc			
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In LP3.5, I will know: how metals are processed commercially to make proc how metals can be die casted into products. In LP3.6, I will know:	ducts (7.3a); 10/02/25 - (WK 1)		Commercial metal processing methor Homework
In LP3.5, I will know: how metals are processed commercially to make proc how metals can be die casted into products. In LP3.6, I will know: how timbers can be processed in a DT workshop (7.2k	ducts (7.3a); 10/02/25 - (WK 1) b);	Die casting	Commercial metal processing methor Homework
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