

	Week Commencing	7th September	14th September	21st September	28th September	5th October	12th October	19th October
Autumn 1	Topic	Task analysis	Research	Design ideas sheet	Modelling	Modelling	Final design idea with measurements	Practical
	Extended learning	Students are required to develop a clear understanding of the design brief.	Who are you making the product for? Explain why different customers need different products	Can you now draw it in 3D? Can you develop your designs to ensure that they could be understood by others.	Students are to develop a clear model using card to ensure that they understand the need for proportion.	Students are to develop a clear model using card to ensure that they understand the need for proportion.	Why do we need a final drawing of our work?	Students to use CAD / CAM to develop their practical work.
	Assessment	Learning checks to identify if the theme / task has been fully understood.					How much depth and explanation is in your work? Be aware of how to get up the assessment criteria ladder	Students to create a log of the processes used.

	Week Commencing	2nd November	9th November	16th November	23rd November	30th November	7th December	14th December
Autumn 2	Topic	Practical	Practical	Evaluation	Task analysis	Research	Design ideas sheet	Modelling
	Extended learning	Students to use CAD / CAM to develop their practical work.	Students to use CAD / CAM to develop their practical work.	What is good and bad about your work? Does it meet the original design criteria?	Students are required to develop a clear understanding of the design brief.	Who are you making the product for? Explain why different customers need different products	Can you now draw it in 3D? Can you develop your designs to ensure that they could be understood by others.	Students are to develop a clear model using card to ensure that they understand the need for proportion.
	Assessment	Students to create a log of the processes used.	Students to create a log of the processes used.		Learning checks to identify if the theme / task has been fully understood.			

	Week Commencing	4th January	11th January	18th January	25th January	1st February	8th February	
Spring 1	Topic	Modelling	Final design idea with measurements	Practical	Practical	Practical	Evaluation	
	Extended learning	Students are to develop a clear model using card to ensure that they understand the need for proportion.	Why do we need a final drawing of our work?	Students to use CAD / CAM to develop their practical work.	Students to use CAD / CAM to develop their practical work.	Students to use CAD / CAM to develop their practical work.	What is good and bad about your work? Does it meet the original design criteria?	
	Assessment		How much depth and explanation is in your work? Be aware of how to get up the assessment criteria ladder	Students to create a log of the processes used.	Students to create a log of the processes used.	Students to create a log of the processes used.		

	Week Commencing	22nd February	29th February	7th March	14th March	21st March		
Spring 2	Topic	Task analysis	Research	Design ideas sheet	Modelling	Modelling		
	Extended learning	Students are required to develop a clear understanding of the design brief.	Who are you making the product for? Explain why different customers need different products	Can you now draw it in 3d? Can you develop your designs to ensure that they could be understood by others.	Students are to develop a clear model using card to ensure that they understand the need for proportion.	Students are to develop a clear model using card to ensure that they understand the need for proportion.		
	Assessment	Learning checks to identify if the theme / task has been fully understood.						

	Week Commencing	11th April	18th April	25th April	2nd May	9th May	16th May	23rd May
Summer 1	Topic	Final design idea with measurements	Practical	Practical	Practical	Evaluation	Task analysis	Research
	Extended learning	Why do we need a final drawing of our work?	Students to use CAD / CAM to develop their practical work.	Students to use CAD / CAM to develop their practical work.	Students to use CAD / CAM to develop their practical work.	What is good and bad about your work? Does it meet the original design criteria?	Students are required to develop a clear understanding of the design brief.	Who are you making the product for? Explain why different customers need different products
	Assessment	How much depth and explanation is in your work? Be aware of how to get up the assessment criteria ladder	Students to create a log of the processes used.	Students to create a log of the processes used.	Students to create a log of the processes used.		Learning checks to identify if the theme / task has been fully understood.	

	Week commencing	6th June	13th June	20th June	27th June	4th July	11th July	18th July
Summer 2	Topic	Design ideas sheet	Modelling	Modelling	Final design idea with measurements	Practical	Practical	Evaluation
	Extended learning	Can you now draw it in 3d? Can you develop your designs to ensure that they could be understood by others.	Students are to develop a clear model using card to ensure that they understand the need for proportion.	Students are to develop a clear model using card to ensure that they understand the need for proportion.	Why do we need a final drawing of our work?	Students to use CAD / CAM to develop their practical work.	Students to use CAD / CAM to develop their practical work.	What is good and bad about your work? Does it meet the original design criteria?
	Assessment				How much depth and explanation is in your work? Be aware of how to get up the assessment criteria ladder	Students to create a log of the processes used.	Students to create a log of the processes used.	