

KS4 DT –Yr 11

Half term 4

What? When? Why?	Lesson One Learning intentions (what can a student do at the end of the lesson)	Lesson Two Learning intentions (what can a student do at the end of the lesson)	Lesson Three Learning intentions (what can a student do at the end of the lesson)
Week One	<ul style="list-style-type: none"> ● Exam Assessment revision Core technical principles. Pupils should be able to describe and understand principles relating to tolerances and allowances. 	<ul style="list-style-type: none"> ● Non Exam Assessment ● Develop initial prototype planning into a finished form 	<ul style="list-style-type: none"> ● Non Exam Assessment ● Identify a finished prototype form in an appropriate material
Week Two	<ul style="list-style-type: none"> ● Exam Assessment revision Core technical principles. Pupils should be able to describe and understand principles relating to material management and marking out. 	<ul style="list-style-type: none"> ● Non Exam Assessment ● Finish initial sketches for an Orthographic drawing 	<ul style="list-style-type: none"> ● Non Exam Assessment ● Finish a scaled Orthographic drawing using Techsoft 2D and showing full dimensioning throughout
Week Three	<ul style="list-style-type: none"> ● Exam Assessment revision ● Core technical principles. Pupils should be able to describe and understand principles relating to developments in new technologies. 	<ul style="list-style-type: none"> ● Non Exam Assessment ● Produce a finished cutting list itemising the sizes required of the various materials needed. 	<ul style="list-style-type: none"> ● Non Exam Assessment ● Work through the manufacturing schedule ensuring the relevant section is completed as described.
Week Four	<ul style="list-style-type: none"> ● Exam Assessment revision ● Core technical principles. Pupils should be able to describe and understand 	<ul style="list-style-type: none"> ● Non Exam Assessment ● Work through the manufacturing schedule ensuring the 	<ul style="list-style-type: none"> ● Non Exam Assessment ● Work through the manufacturing schedule ensuring the relevant

	principles relating to different approaches to designing.	relevant section is completed as described.	section is completed as described.
Week Five	<ul style="list-style-type: none"> • Exam Assessment revision • Core technical principles. Pupils should be able to describe and understand principles relating to mechanical devices. 	<ul style="list-style-type: none"> • Non Exam Assessment • Work through the manufacturing schedule ensuring the relevant section is completed as described. 	<ul style="list-style-type: none"> • Non Exam Assessment • Work through the manufacturing schedule ensuring the relevant section is completed as described.