

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 maths in DT	Non Exam Assessment <ul style="list-style-type: none"> 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 energy storage and generation. 	<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 principles relating to a 	<ul style="list-style-type: none"> Non Exam Assessment Work through the manufacturing schedule ensuring the relevant section is 	<ul style="list-style-type: none"> Non Exam Assessment Work through the manufacturing schedule ensuring the relevant

	systems approach to designing.	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.
Week Six	<ul style="list-style-type: none"> • Exam Assessment revision • Core technical principles Pupils should be able to describe and understand principles relating to materials and their working properties. 	<ul style="list-style-type: none"> • Non Exam Assessment • Ensure the practical work is finished 	<ul style="list-style-type: none"> • Non Exam Assessment • Undertake an evaluation of the finished item using the original specification to measure against.