

## Design and Technology –Overall Scheme of Work – Year 11 FD

Session	Hours	Tasks: Lesson Objectives	Lesson Details	Expected Student Outcomes - All, Most, Some	Teaching and Learning Strategies	Student Support/Differentiation	Resources and Equipment	Health and Safety	Homework
Summer term Year 10	1	Analysing the brief	Introduction to the task	See EdExcel PPs for mark scheme  (rewritten in 'Pupil speak' on shared area)	<ul style="list-style-type: none"> <li>• Student led activity.</li> <li>• Individual work</li> <li>• PowerPoint Presentation.</li> </ul> Teacher/Technician/TA assistance as required	<ul style="list-style-type: none"> <li>• Use of HLTA's if required.</li> <li>• Visual and written versions of lesson materials.</li> <li>• Regular questioning and recapping.</li> <li>• Time prompts and deadlines reinforced.</li> </ul> Individual recaps of skills demonstrations as necessary.	<ul style="list-style-type: none"> <li>- PPs</li> <li>- Writing frames as needed</li> <li>- Textbooks</li> </ul>	See risk assessments for DT3	<ul style="list-style-type: none"> <li>- Preparation for CA</li> <li>- 18 sheets of revision questions available on Fronter</li> </ul>
	3-5	Research	Primary and secondary research to be undertaken and analysed						
	1	Specification	Detailed spec to be written based on research						
Autumn Term Yr 11	8-10	Initial Ideas	Ideas to be produced to meet the needs of the research and spec						
	1	Review	Ideas to be reviewed against specification						
	10	Development	Ideas to be further developed to include modelling, CAD drawing and practice joints						
	1-2	Final idea	Final ideas produced						
	1-2	Production Planning	Pupils to produce a production plan						
	One day (Date to be put into school calendar)	Practical	Pupils to work on their final outcomes with minimal teacher input						
	2-3	Testing and evaluation	Perform tests to final products and evaluate against specifications						
Spring term Yr 11	9-10	Updates as necessary	Updates to be made to CA as needed	Aimed at grade C+ but differentiated according to individual needs			<ul style="list-style-type: none"> <li>- As above</li> <li>- AfL resources</li> </ul>	Normal food room safety	<ul style="list-style-type: none"> <li>- Exam revision tasks TBC (differentiated annually)</li> </ul>
	Remainder of year	Revision	Exam preparation and revision using Key PPs						