

## Outline Programme for Delivery of GCSE

**SUBJECT: DT Resistant Materials Technology**

Exam Board: AQA

Specification Title and Number: **DT Resistant Materials Technology 4560**

Web link to Specification: <http://store.aqa.org.uk/qual/newgcse/pdf/AQA-4560-W-SP-10.PDF>

### **Year 10**

<b>TERM</b>	<b>Topics Covered</b>	<b>Specification Reference(s)</b>	<b>Method(s) of Assessment</b>
1	Sketching and Rendering. Workshop based project dealing with basic skills, health and safety, jointing and machining. Research and properties of Resistant Material. Evaluation of the project.	Unit 1 Pages 7,8, 9,10	Work will be graded A to F with feedback on how it can be improved.
2	Materials Technology, Sustainability, Research, Application of Sketching and Rendering. Modelling and /or short focused workshop task. Formal drawing techniques for communication, and Systems and Control.	Unit 1 Pages 7,8,9,10	Work will be graded A to F with feedback on how it can be improved.
3	Workshop based project dealing with different materials. Basic skills, health and safety, jointing and machining. Evaluation techniques. Use of ICT in Design and Technology including CAD/CAM	Unit 1 Pages 7,8, 9,10,11	Work will be graded A to F with feedback on how it can be improved.
4	Methods and techniques for Designing will be investigated with hands on tasks. Form, function, market pull, technology push, social, moral and cultural issues will be considered.	Unit 1 Pages 7,8, 9,10	Work will be graded A to F with feedback on how it can be improved.
5	Consumer rights legislation and the safety of the consumer. Industrial Practice and further processes and jointing techniques. Revision for the GCSE exam and a mock exam.	Unit 1 Pages 7,8, 9,10,11	Work will be graded A to F with feedback on how it can be improved.
6	Further revision for the Unit 1 exam Introduction of the Design and Make Controlled Assessment. Students will be set a theme for a project.	Unit 1 and 2 Pages 7 to 16 inclusive	Work will be graded A to F with feedback on how it can be improved.



## Year 11

<b>TERM</b>	<b>Topics Covered</b>	<b>Specification Reference(s)</b>	<b>Method(s) of Assessment</b>
1	Design and Make Controlled Assessment. Each student will have a specific schedule for his project.	Unit 2 Pages 12,13,14	Work will be graded A to F with feedback on how it can be improved.
2	Design and Make Controlled Assessment Each student will have a specific schedule for his project.	Unit 2 Pages 12,13,14,15	Work will be graded A to F with feedback on how it can be improved.
3	Design and Make Controlled Assessment Each student will have a specific schedule for his project.	Unit 2 Pages 12,13,14,15	Work will be graded A to F with feedback on how it can be improved.
4	Design and Make Controlled Assessment. Revision lessons for students re-sitting the Unit 1 written exam will be offered.	Unit 2 Pages 7 to 16 inclusive	Work will be graded A to F with feedback on how it can be improved.
5	Focussed task for those not re-sitting the Unit 1 written exam		
6	Study Leave		

