

# AQA A Level

## 7552 Specification map

### Core content

		Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	Unit 15
<b>Technical principles</b>																
3.1.1	Materials and their applications	✓	✓	✓	✓	✓										
3.1.2	Performance characteristics of materials	✓	✓	✓	✓	✓										
3.1.3	Enhancement of materials	✓	✓	✓	✓											
3.1.4	Forming, redistribution and addition processes						✓	✓	✓	✓						
3.1.5	The use of finishes						✓	✓	✓	✓						
3.1.6	Modern industrial and commercial practice										✓					
3.1.7	Digital design and manufacture										✓					
3.1.8	The requirements for product design and development											✓				
3.1.9	Health and safety											✓				
3.1.10	Protecting designs and intellectual property											✓				
3.1.11	Design for manufacturing, maintenance, repair and disposal											✓				
3.1.12	Feasibility studies												✓			
3.1.13	Enterprise and marketing in the development of products												✓			
3.1.14	Design communication												✓			
3.1.15	Modern manufacturing systems												✓			

### Designing and making principles

3.2.1	Design methods and processes													✓		
3.2.2	Design theory													✓		
3.2.3	How technology and cultural changes can impact on the work of designers													✓		
3.2.4	Design processes														✓	
3.2.5	Critical analysis and evaluation														✓	
3.2.6	Selecting appropriate tools, equipment and processes														✓	
3.2.7	Accuracy in design and manufacture														✓	
3.2.8	Responsible design															✓
3.2.9	Design for manufacture and project management															✓
3.2.10	National and international standards in product design															✓