



Haydock High School – Excellence in Exams

Get Ready for...

Subject: **Resistant Materials**

Exam Dates: **Thursday 14th June 2018**

Unit: **RM02**

Worth: **40%**

Revision Materials:

Suggested Topics I Should Revise	Ways I could revise:
Knowledge and Understanding of Resistant Materials Technology	www.Technology student.com
<u>Topic 1 Materials and components</u>	www.BBC Bite size.co.uk
Topic 1.1 Woods	Spider diagrams
Topic 1.2 Metals	Top Trumps
Topic 1.3 Polymers	Practice questions
Topic 1.4 Composites	The Collins Resistant Materials revision guides.
Topic 1.5 Modern and smart materials	
<u>Topic 2 Tools and equipment</u>	
Topic 2.1 Marking out and measuring	
Topic 2.2 Wasting	Posters

Topic 3 Industrial and commercial processes

Topic 3.1 Scale of production
Topic 3.2 Materials processing and forming
Topic 3.3 Joining methods
Topic 3.4 Adhesives
Topic 3.5 Heat treatment
Topic 3.6 Finishing techniques
Topic 3.7 Manufacturing processes for batch production
Topic 3.8 Health and safety

Topic 4 Analysing products

Topic 4.1 Specification criteria
Topic 4.2 Materials and components
Topic 4.3 Manufacturing processes

Topic 5 Designing products

Topic 5.1 Specification criteria
Topic 5.2 Designing skills
Topic 5.3 Application of knowledge and understanding

Topic 6 Technology

Topic 6.1 Information and communication technology (ICT)
Topic 6.2 Digital media and new technology
Topic 6.3 Computer-aided design/computer-aided manufacturing (CAD/CAM) technology

Topic 7: Sustainability

Topic 7.1 Minimising waste production
Topic 7.2 Renewable sources of energy
Topic 7.3 Climate change

Leaflets

Snap cards for materials and tools.

Create a Blog or Vlog

Design an app

Lots of other good websites are available to use if you Google GCSE Resistant Materials revision!

Good luck, if you need any additional help or advice just ASK!

**Topic 8 Ethical design and
manufacture**

Topic 8.1 Moral, social and
cultural issues

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