

Next steps!

If you want to find out more about our GCSE RMT course then visit our website at www.edexcel.com/gcse2009

You should also talk to the Head of Design and Technology at your school who will be able to describe the course in detail and advise you of what you need to do next when it comes to your options.

RMT Question:

If all these materials were made into wires the same size which would be the strongest?

RMT Answer:

(c) a spider's web

Edexcel

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About Edexcel

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Edexcel GCSE Design and Technology: Resistant Materials Technology (RMT)



STUDENT GUIDE

Is this the right subject for me?

If you enjoy:

- thinking creatively
- problem solving
- designing products of the future
- making models
- testing your ideas

then our GCSE in RMT is the ideal subject for you.

What do I need to know, or be able to do, before taking this course?

Throughout Key Stage 3 you will have produced a wide range of exciting projects in Design and Technology, including graphics, textiles, food, electronics and RMT. If you particularly enjoy the creative side of design and technology then you now have the opportunity to follow our two-year GCSE course to specialise in RMT.

What will I learn?

GCSE RMT covers a wide range of activities based on designing and making products that are manufactured using materials such as wood, metal and plastics in many forms. As well as learning hand skills, you will use a range of industrial processes to shape and form materials into functioning products. Over the course of two years you will develop a whole range of creative designing and making skills, technical knowledge and understanding relating to RMT and invaluable transferable skills such as problem solving and time management.

RMT Question:

If all these materials were made into wires the same size which would be the strongest?

- (a) Steel
- (b) Spaghetti
- (c) A spider's web
- (d) Glass



How will I be assessed?

Unit 1	Unit 2
Creative Design and Make Activities	Knowledge and Understanding of RMT
Coursework 60%	Examination 40%
You will have the option of completing your coursework unit in two different ways. <ul style="list-style-type: none">• Through a combined design and make activity where you design a product and then make a model of it.• Through separate design and make activities where you design one product and make another.	The examination will be based on a structured exam paper which your teacher will be able to guide you through. Everything that you need to learn for this unit is set out in the specification so your teacher will know exactly how to prepare you for the exam.

What can I do after I've completed the course?

Many of the students who enjoyed studying GCSE RMT have gone on to study A Level Product Design: RMT. You can also study any Design and Technology related course post-16.

RMT students usually study one or more of the creative subjects including:

- A Level Art and Design, Media and/or Film
- BTEC National Diplomas in Art and Design or Media
- the Diploma in Creative and Media or the 14-19 Diploma in Construction and the Built Environment.

If post-16 is not for you, employers will value the GCSE RMT qualification as it develops creative, technical and transferable skills.