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| Design and Technology Revision List Summer 2025 |
| Exam information:The exam is 2 hours in length.The exam has three sections:Section A -Core and Technical Principles -20 marksSection B - Specialist Technical Principles – 30 marksSection C – Designing and Making Principles – 50 marksYou require the following:* normal writing and drawing instruments
* a calculator
* a protractor
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| Topic | Revised? |
| Section A * Metals and alloys
* Dense materials
* Levers and Mechanisms
* Composite materials
* Volume of shapes
* Thermoforming polymers
* Fibres from living creatures
* Solar power
* Properties of timbers
* Foil lined cardboard
* Input, process and output
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| Section B* Calculating areas
* Aluminium and its uses
* Stock forms
* Percentages
* Painting a finish onto a material
* Ecological issues when sourcing materials
* Innovation of products
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| Section C * Innovation of products
* Ergonomics and anthropometrics
* Tessellating materials
* Safety precautions when using tools and equipment that use heat
* Orthographic drawings
* Design fixation
* Tolerances
* Quality Control
* Influences form other designers
* Focus groups
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| Revision Links |
| Please use your Design and Technology textbook to revise these topics.Websites – [www.technologystudent.co.uk](http://www.technologystudent.co.uk)[www.bbc.bitesize/dt revision.co.uk](http://www.bbc.bitesize/dt%20revision.co.uk)  |