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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 marks  Section B - Specialist Technical Principles – 30 marks  Section C – Designing and Making Principles – 50 marks  You require the following:   * normal writing and drawing instruments * a calculator * a protractor | |
| 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 |  |
| 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 |  |
| 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 |  |
| 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) | |