# How to Revise Week

## Question-a-day and 20 minute Revision tasks
## March - April 2024

**Subject:**
**Design and Technology**


| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY | NOTES: |
|---|---|---|---|---|---|---|---|
| 25th March<br>What is an 'alloy'? | 26th March<br>What is a composite material? | 27th March<br>What are the challenges of recycling composite materials? Name an example | 28th March<br>Name an input, process and output component in an electronic product. | 29th March<br>Draw a commercial manufacturing process and label it, e.g injection moulding | 30th March<br>What is the advantage of bulk buying components? | 31st March<br>What is a 'stock form'? | |
| 1st April<br>Choose a material and identify a surface finish applied to it with reasons. | 2nd April<br>How do you work out the area of a rectangle? | 3rd April<br>How do you work out a percentage? | 4th April<br>How does pollution caused in the lifecycle of a product affect the environment? | 5th April<br>Identify the four scales of production and a product manufactured using them. | 6th April<br>Research 'Dyson'. What design features have made them successful? | 7th April<br>Ergonomics is... Use examples. | |
| 8th April<br>What is the difference between primary and secondary research? | 9th April<br>What is a design specification? Write one for a waterbottle. | 10th April<br>Draw a house in two point perspective. | 11th April<br>How do you calculate the angles in a triangle. | 12th April<br>What is nesting? (not the sort of nesting done by birds) | 13th April<br>What is planned obsolescence? | 14th April<br>What is a smart material? | |
| 20 minute revision task 1<br><br>Research the 'Alessi' design company. | 20 minute revision task<br><br>Write a question | 20 minute revision task<br><br>Elaboration 'surface finishes' | 20 minute revision task<br><br>Flash cards | 20 minute revision task<br><br>Product analysis. | | | |

| Subject:<br>Design and Technology | Exam Board:<br>AQA | Mock exam Paper: |
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Topic to Revise:

**Renewable energy**
**Planned obsolescence**
**Market pull/ technology push**
**Alloys- what and why**
**Composite packaging- paper and board**
**Commercial manufacturing processes – polymer, timber, fabric**
**Stock forms**
**Surface finishes- Polymer, metal, timbers, paper and board**
**Knowing how to work out how many products can be made from a set size of material**
**Product lifecycle**
**What is innovation**
**Types of research**