

How to Revise Week

Question-a-day and 20 minute Revision tasks
March & April 2025

Subject:
Design and Technology



The HENRY
BEAUFORT School



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	NOTES:
24th March What is an 'alloy'?	25th March What is a composite material?	26th March Why are pringles tubes hard to recycle?	27th March Name an input, process and output component in an electronic product.	28th March Draw a commercial manufacturing process and label it, e.g injection moulding	29th March What is the advantage of bulk buying components?	30th March What is a 'stock form'?	
31st March Choose a material and identify a surface finish applied to it with reasons.	1st April How do you work out the area of a rectangle?	2nd April How do you work out a percentage?	3rd April How does pollution caused in the lifecycle of a product affect the environment?	4th April Identify the four scales of production and a product manufactured using them.	5th April Research 'Dyson'. What design features have made them successful?	6th April Ergonomics is... Use examples.	
7th April What is the difference between primary and secondary research?	8th April What is a design specification? Write one for a waterbottle.	9th April Draw a house in two point perspective.	10th April How do you calculate the angles in a triangle.	11 April What is nesting? (not the sort of nesting done by birds)	12th April What is planned obsolescence?	13th April What is a smart material?	
20 minute revision task 1 Research the 'Alessi' design company.	20 minute revision task Write a question	20 minute revision task Elaboration 'surface finishes'	20 minute revision task Flash cards	20 minute revision task Product analysis.			

Subject:
Design and Technology

Exam Board:
AQA

Mock exam Paper:
Full GCSE 2 hour paper

Topic to Revise:

Types of motions with examples

Renewable energy types and examples

Planned obsolescence what is it with examples

What is a gear train

Standard components with examples

Treatments and finishes for woods, metals, fabrics

Screen printing on fabrics

Polymer extrusion what is it with examples

Polymer injection molding with examples

Stock forms of timbers, polymers, fabrics

Die cutting (paper and board) what is it with examples

Scales of production with examples

Offset lithography what is it, how does it work?

Ergonomics and anthropometrics

Use of production aids jigs templates and formers

Smart and modern materials examples and uses