How to Revise Week

Question-a-day and 20 minute Revision tasks
March & April 2023

Subject:
Design and Technology

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	NOTES:
27th March What is an 'alloy'?	28th March What is a composite material?	29th March What are the challenges of recycling composite materials? Name an example	30th March Name an input, process and output component in an electronic product.	31st March Draw a commercial manufacturing process and label it, e.g injection moulding	1st April What is the advantage of bulk buying components?	2nd April What is a 'stock form'?	
3rd April Choose a material and identify a surface finish applied to it with reasons.	4th April How do you work out the area of a rectangle?	5th April How do you work out a percentage?	6th April How does pollution caused in the lifecycle of a product affect the environment?	7th April Identify the four scales of production and a product manufactured using them.	8th April Research 'Dyson'. What design features have made them successful?	9th April Ergonomics is... Use examples.	
10th April What is the difference between primary and secondary research?	11th April What is a design specification? Write one for a waterbottle.	12th April Draw a house in two point perspective.	13th April How do you calculate the angles in a triangle.	14th April What is nesting? (not the sort of nesting done by birds)	15th April What is planned obsolescence?	16th 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:

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