Date	Exams/ Assess	Unit(s)
4/9/23		**Systems approach to design – Mood light**
11/9/23		• What is design and technology? Project reflection, the design process key concepts.
18/9/23		
25/9/23		• Product Analysis – ACCESS FM.
2/10/23		• Systems approach to designing – Inputs, processors and outputs.
9/10/23		• Circuits and standard components.
16/10/23		• Task Analysis. • Development of design ideas.
30/10/23		• Health and safety in the workshop.
6/11/23		• Soldering.
13/11/23	■	• Knowledge and understanding of materials, process and techniques used to create a functional product.
20/11/23	■	
27/11/23		
4/12/23		• Manufacturing plans.
11/12/23		
1/1/24		**Designing for the future – Sustainable Village Design**
8/1/24		• Sustainability.
15/1/24		• Minimising waste and the six R's.
22/1/24		• Fossil Fuels and Greenhouse gases.
29/1/24		• Sustainable Architecture.
5/2/24		• Computer Aided Design.
12/2/24		• Eco village design.
26/2/24		• Knowledge and understanding of materials, process and modelling techniques.
4/3/24		
11/3/24		• Development of a model village.
18/3/24		
25/3/24		
15/4/24		**Metals and Mechanisms**
22/4/24		• The design process key concepts.
29/4/24		• Product Analysis – ACCESS FM
6/5/24		• Properties and characteristics of metals
13/5/24	■	• Orthographic drawing techniques
20/5/24	■	• Design development
3/6/24		• Knowledge and understanding of materials, process and techniques used to create a functional product.
10/6/24		
17/6/24		• Levers.
24/6/24		• Movement, motion and forces.
1/7/24		
8/7/24		
15/7/24		