



One teacher per class:
Sustainability
2024/25

Module 3: Energy Resources

Module 4: Pollution

Module 5: Biological Resources

Module 6:

	Week number	Week begins		Module	Topic	
	1	30/08	Term begins Tuesday 30 th August			
	2	02/09				
	3	09/09	Students attend first timetabled lesson	3 Energy Resources	Development of society Features of energy resources	Induction test
	4	16/09			Sustainability of energy resources Non-renewable energy resources Fossil fuels	
	5	23/09			Fossil fuels new technology	
	6	30/09	Pulborough Brooks Monday 30 th September		Nuclear energy Renewable energy	
	7	07/10			Solar energy HEP Wind power	
	8	14/10			Wave power Biofuels Geothermal energy Tidal energy Energy fluctuations	
	9	21/10			Transport systems Buildings Industry	
		28/10	Autumn Half term			
	10	04/11		4 Pollution	Feature of pollutants Temperature inversion	
	11	11/11			Critical group monitoring Atmospheric pollution	Assessment on Energy Resources
	12	18/11			Photochemical smog Carbon monoxide Water pollution Thermal pollution	

					Oil pollution Pesticide pollution	
13	25/11				Inorganic nutrient pollution Organic nutrient pollution Sewage Acid mine drainage Heavy metal pollution	
14	02/12				Lead Mercury Solid waste Specialist solid waste	
15	09/12				Noise pollution Aircraft noise Railway noise Traffic noise Industrial noise Domestic noise	
16	16/12	Term finishes Wednesday 18 th December			Radiation Uses Scientific principles Effects Controls	
	27/12	Christmas Holidays				
17	06/01	Term begins Monday 6 th January	5 Biological Resources		Radioactive waste management New technology Agriculture	
18	13/01				Agroecosystems Species selection Technological factors Biotic factors Pest control	
19	20/01				Selective breeding Selective breeding Cloning GM	
20	03/02				Bioenergetics Intensive and extensive farming Energy ratios	

					Hydrological cycle Social, economic and political influences	
21	10/02				Agriculture sustainability	
	17/02	Spring Half term				
22	24/02					Contingency mocks
23	03/03				Marine productivity Fishing	
24	10/03				MSY Reducing impact Aquaculture	
25	17/03				Resources Life support systems Productivity	
26	24/03			6 Sustainability	Introduction	
27	31/03	Term ends Friday 4 th April			Positive feedback mechanisms Sustainable materials Sustainable energy	
	07/04	Easter Holidays				
	14/04	Easter Holidays				
28	21/04	Term begins Tuesday 22 nd April			The circular economy	
29	05/05	Bank holiday Monday 5 th May				
30	12/05					
31	19/05					
	26/05	Whitsun Half term				
32	02/06	WEX week				
33	09/06					
34	16/06					
35	23/06					
36	30/06					
37	07/07					
38	14/07	Term ends Wednesday 16 th July				