

Term	Topic(s)	Assessed work	Additional details
1 a 7 weeks 14 lessons	10: Electricity <ul style="list-style-type: none"> • Charge, Current, and Energy • Resistance • Resistance in Series and Parallel • Core Practical – Investigating Resistance • Resistance of a Filament Bulb • Resistance of a Thermistor and LDR • Electrical Power • Transferring Energy By Electricity • Wiring a Plug • Fuses 	Topic 10 End of Unit test (w/b 18.10.21)	
1b 7 weeks 14 lessons	12: Magnetism and the Motor Effect <ul style="list-style-type: none"> • Magnets • Electromagnetism • Motor Effect • Electric Motors 13: Electromagnetic Induction <ul style="list-style-type: none"> • Electromagnetic Induction • Transformers • National Grid • Transformers and Energy 	8/11/21 –mock exams begin (no taught curriculum)	
2a 7 weeks 14 lessons	14: Particle Model <ul style="list-style-type: none"> • Density • Core Practical – Investigating Density • Kinetic Theory • Specific Heat Capacity • Latent Heat • Core Practical – Properties of Water and Ice 	14/02/22 –non-core mocks 2 (no taught curriculum this week) Topic 12/13 End of Unit test (w/b 3.1.22)	
2b 5 weeks 10 lessons	14: Particle Model <ul style="list-style-type: none"> • Temperature • Temperature and Pressure • Pressure and Volume 15: Forces and Matter <ul style="list-style-type: none"> • Hooke’s Law • Energy Stored in a Spring • Core Practical – Investigating Springs • Pressure in Fluids • Upthrust 	28/2/22 – core mocks 2 (no taught curriculum this week) Topic 14 End of Unit test (w/b 21.3.22) Topic 14 End of Unit test (w/b 2.5.22)	

3a 5 weeks 10 lessons	Revision		
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