

Key Stage 4 Curriculum Map 2019 - 2020

Term 1

Subject: Physics		Year Group: 11
Week/Date	Focus/Topic	
1 Sept 2 nd -5 th	<ul style="list-style-type: none"> • Conduction, Convection, Evaporation and Condensation 	
2 Sept 8 th -12 th	<ul style="list-style-type: none"> • IR Radiation, Surfaces emitting radiation 	
3 Sept 15 th -19 th	<ul style="list-style-type: none"> • Energy transfer by design, Expansion by heating 	
4 Sept 22 nd -26 th	<ul style="list-style-type: none"> • Recap of Energy transfers 	
5 Sept 29 th -Oct 3 rd	<ul style="list-style-type: none"> • Electric Charges, Current, Voltage 	
6 Oct 6 th -10 th	<ul style="list-style-type: none"> • IV Graphs (Resistor, Bulb, Diode) 	
7 Oct 13 th -17 th	<ul style="list-style-type: none"> • $V=IR$, Series, Parallel Circuits 	
8 Oct 20 th -24 th	Mid Term Break	
9 Oct 27 th -Oct 31 st	<ul style="list-style-type: none"> • Sensing Circuits, Circuits Recap 	
10 Nov 3 rd -7 th	<ul style="list-style-type: none"> • Magnetic Fields, Electromagnets 	
11 Nov 10 th -14 th	<ul style="list-style-type: none"> • Motor Effect, Generator Effect 	
12 Nov 17 th -21 st	<ul style="list-style-type: none"> • Alternators and Dynamos, Transformers 	
13 Nov 24 th -28 th	<ul style="list-style-type: none"> • Recap Magnetism 	

14 Dec 1 st -5 th	Assessment Weeks
15 Dec 8 th -12 th	
Winter Break: December 13 th – January 2 nd	