

## Key Stage 4 Curriculum Map 2019 - 2020

### Term 1

Subject: Physics		Year Group: 10
Week/Date	Focus/Topic	
1 Sept 2 <sup>nd</sup> -5 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Introduction to course, Baseline assessment</li> </ul>	
2 Sept 8 <sup>th</sup> -12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Forces between objects, resultant force, Force as a vector</li> </ul>	
3 Sept 15 <sup>th</sup> -19 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Mass and Weight, Forces and Elasticity</li> </ul>	
4 Sept 22 <sup>nd</sup> -26 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Speed, velocity, acceleration</li> </ul>	
5 Sept 29 <sup>th</sup> -Oct 3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>• Graphs of motion</li> </ul>	
6 Oct 6 <sup>th</sup> -10 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Newtons Laws, Forces and terminal velocity</li> </ul>	
7 Oct 13 <sup>th</sup> -17 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Momentum introduction, Collisions/Explosions, Impact forces, car safety</li> </ul>	
8 Oct 20 <sup>th</sup> -24 <sup>th</sup>	Mid Term Break	
9 Oct 27 <sup>th</sup> -Oct 31 <sup>st</sup>	<ul style="list-style-type: none"> <li>• Centre of mass, moments, stability</li> </ul>	
10 Nov 3 <sup>rd</sup> -7 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Energy and work done, Power</li> </ul>	
11 Nov 10 <sup>th</sup> -14 <sup>th</sup>	<ul style="list-style-type: none"> <li>• GPE, KE and conservation of Energy</li> </ul>	
12 Nov 17 <sup>th</sup> -21 <sup>st</sup>	<ul style="list-style-type: none"> <li>• Useful energy, efficiency</li> </ul>	
13 Nov 24 <sup>th</sup> -28 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Recap of topics so far</li> </ul>	
14		

Dec 1 <sup>st</sup> -5 <sup>th</sup>	<b>Assessment Weeks</b>
15 Dec 8 <sup>th</sup> -12 <sup>th</sup>	
Winter Break: December 13 <sup>th</sup> – January 2 <sup>nd</sup>	