

Key Stage 5 Curriculum Map 2019 - 2020

Term 1

Subject: AS Physics		Year Group: 12
Week/Date	Focus/Topic	
1 Sept 2 nd -5 th	<ul style="list-style-type: none"> • (DAR) Baseline assessments, curriculum orientation and expectations 	
2 Sept 8 th -12 th	<ul style="list-style-type: none"> • (DAR) Estimation of physical quantities / Maths Skills • (DEP) Estimation of physical quantities / Maths Skills 	
3 Sept 15 th -19 th	<ul style="list-style-type: none"> • (DAR) Vectors and Scalars, Equilibrium, Introducing Moments • (DEP) Inside the atom 	
4 Sept 22 nd -26 th	<ul style="list-style-type: none"> • (DAR) Moments practical, Motion in a straight line, SUVATs • (DEP) Stable and unstable nuclei 	
5 Sept 29 th -Oct 3 th	<ul style="list-style-type: none"> • (DAR) Measuring g RP, Projectile Motion • (DEP) Particles, antiparticles and photons 	
6 Oct 6 th -10 th	<ul style="list-style-type: none"> • (DAR) Newton's Laws, Terminal Velocity, Inclined Plane • (DEP) The discovery of the nucleus, α, β, γ 	
7 Oct 13 th -17 th	<ul style="list-style-type: none"> • (DAR) Momentum, Conservation of Momentum, Impulse • (DEP) More on α, β, γ, dangers of radioactivity 	
8 Oct 22 nd -24 th	Mid Term Break	
9 Oct 27 th -Oct 31 st	<ul style="list-style-type: none"> • (DAR) GPE, KE, Work Done, Power • (DEP) Radioactive decay 	
10 Nov 3 rd -7 th	<ul style="list-style-type: none"> • (DAR) Density, Measuring materials skills • (DEP) Uses of radioactive isotopes 	
11	<ul style="list-style-type: none"> • (DAR) Hooke's Law, Plastic and elastic behavior 	

Nov 10 th -14 th	<ul style="list-style-type: none"> • (DEP) Nuclear energy levels
12 Nov 17 th -21 st	<ul style="list-style-type: none"> • (DAR) Young's Modulus • (DEP) Young's Modulus RP
13 Nov 24 th -28 th	<ul style="list-style-type: none"> • (DAR) Recap of mechanics and materials module • (DEP) Recap of Matter and radiation
14 Dec 1 st -5 th	Assessment Weeks
15 Dec 8 th -12 th	
Winter Break: December 13 th – January 2 nd	