

## **Year 12 PHYSICS**

Core Knowledge and skills  Core Knowledge and skills  Atomic so radioact of the stan particle hadrons on Fundam and bos	n Equilibrium	ena		10 Work, Energy &	Year 11 19 Thermal Physics 17 Motion in a circle	
Core Knowledge and skills  - Atomic s radioaci - The stan particle hadrons - Fundam and bos - Particle i and Fey diagram - Antiparti	Phenom 4 Waves Practical & Is n Equilibrium	ena	on's Laws 9 Force &	10 Work, Energy &		
Core Knowledge and skills  • Atomic s radioact • The stan particle hadrons • Fundam and bos • Particle i and Fey diagram • Antiparti	ls n Equilibrium	e Move 8 Newto		• ,	17 Motion in a circle	
radioact  The stan particle hadrons  Fundam and bos Particle i and Fey diagram Antiparti				11 Materials		
	trivity Indard model of physics: Is and leptons Inental forces Is ons Interactions	reflection of the properties and arrangements properties and arrangements properties arrangements properties arrangements arrangements properties arrangements ar	internal current ction ble slit erence action and action angs bung's slits ifraction	resistance in circ  power ice and y vity of a  teristic for  resistance in circ  Defining and measuring EMF of internal resistanc  ERP6: EMF and internoresistance  How potential dividers work	and temperature changes e Latent heat and	
<ul> <li>Precisior uncertai</li> <li>Accurat measure</li> <li>Graphin</li> <li>Resultan forces</li> <li>Moment</li> <li>Stability equilibriu</li> </ul>	<ul> <li>Speed and a</li> <li>Graph</li> <li>Free formations</li> <li>Equations</li> <li></li></ul>	I, velocity cceleration ing motion all ons of m eration ermination of	impulse inal city es and ng/road impulse Impact Conserv momen estastic of	<ul> <li>Work and power</li> <li>Energy conservation of tum</li> </ul>	Centripetal acceleration     Applying ideas about circular motion	
Assessment		End of Unit assessment (MCQ/short answer/long answer) with interleaved content from previous units.  Feedback on assessed practicals (in lab books)				