

Physics Triple Award (Foundation)

Mock Examination Revision List

Question	Part of the specification	Detail	Revised? √/X
1 Terminal velocity	3 d, f, g.	Practise explaining how forces and changes in speed lead to objects reaching a terminal velocity. Learn what factors affect the terminal velocity of an object.	
2 Velocity/ time graphs	2a, b, c	Learn what the key features of velocity/time graphs are and how to use them, including how to determine acceleration.	
3 Nuclear Fission and Fusion	6 a, g	Define and learn what the nucleon number and proton number are and what 'isotope' means. Describe the particles in atoms when written in the form 3_1H . Learn some reasons why fusion reactions are hard to achieve (on Earth)	
4 Speed, stopping distances	4g 2b	Define thinking distance, braking distance and overall stopping distance. List and learn factors that affect thinking distance and braking distance. Practice calculations of speed/distance/time	
5 Electrical Circuits	1 a, d, e, f, g	Learn the layout and how to use the standard test circuit Practise calculations involving $V=IR$ and $P=IV$	