

Year 11 Revision Challenge 2023

Subject: Physics Paper 2

Session Number	Topic	Resource to use	Compulsory Task to be completed/signed off by subject teacher
1	Topic P5 – Forces	<p>Higher Revision guide – pages 201 - 203</p> <p><i>Foundation Revision guide – pages 203-205</i></p> <p>Triple Physics – pages 51-54</p>	<p>Students are to complete questions/worksheet set by the teacher on contact/non-contact forces and calculations on resultant forces and work done.</p> <p>Watch the video on resultant forces and free-body diagrams</p>
2	Topic P5 – Forces	<p>Higher Revision guide – pages 204-206</p> <p><i>Foundation Revision guide -pages 206 - 207</i></p> <p>Triple Physics – pages 55 -59</p>	<p>Your teacher will set work on calculating forces, which you will need to complete. You are also to complete notes on Forces and elasticity and the required practical on investigating springs.</p> <p>Watch the video on Hookes law</p> <p>Triple Physics – includes moments, fluid pressure, upthrust and atmospheric pressure</p>
3	Topic P5 – Forces	<p>Higher Revision guide – pages 207-210</p> <p><i>Foundation Revision guide – pages 208 - 211</i></p> <p>Triple Physics – pages 60 - 63</p>	<p>Complete questions/worksheet/google quiz on Distance-Time and velocity-Time graphs as set by your teacher.</p> <p>Use the revision guide pages and make revision notes on Newtons laws.</p> <p>Watch the video on distance/time graphs</p> <p>Watch the video on velocity/time graphs</p> <p>Watch the video on terminal velocity</p>

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4	Topic P5 – Forces	<p>Higher Revision guide – pages 211-213</p> <p><i>Foundation Revision guide – pages 212-214</i></p> <p>Triple Physics – pages 64-66</p>	<p>Use the revision guide pages and make revision notes on Newtons laws.</p> <p>Use the revision guide and make revision notes/complete questions on the required Practical: investigating motion – How Mass and force affects acceleration issued by your teacher.</p> <p>Watch the video on acceleration</p>
5	Topic P5 – Forces	<p>Higher Revision guide – pages 214-216</p> <p><i>Foundation Revision guide – pages 215 - 217</i></p> <p>Triple Physics – pages 67-71</p>	<p>Complete the worksheet on Stopping distances, reaction times and momentum calculations. Questions will be set by your teacher on these. (Foundation do not do Momentum)</p> <p>Watch video on momentum</p>
6	Topic P7 – Magnetism and electromagnetism	<p>Higher Revision guide – pages 227-230</p> <p><i>Foundation Revision guide – pages 229-230</i></p> <p>Triple Physics – pages 90-98</p>	<p>Make revision notes on permanent & induced magnets, electromagnets, motor effect and electric motors. (Foundation do not do electric motors)</p> <p>Complete exam questions on this work set by your teacher. Watch these videos on electromagnets and how the electric motor works</p> <p>Triple Physics – includes loudspeakers, generator effect, microphones, and transformers.</p>