

Subject: Separate Science – Physics

Date (w/b)	Exams	Unit(s)
02/09/2024		P4 – Electric Circuits
09/09/2024		<ul style="list-style-type: none"> • P4.4 – Component Characteristics • P4.4 – Required Practical
16/09/2024		<ul style="list-style-type: none"> • P4.5 – Series circuits • P4.6 – Parallel circuits • P2.4 – Required Practical (SHC)
23/09/2024		P5 – Electricity in the Home
30/09/2024		<ul style="list-style-type: none"> • P5.1 – Alternating current
07/10/2024		<ul style="list-style-type: none"> • P5.2 – Cables & plugs
14/10/2024		<ul style="list-style-type: none"> • P5.3 – Electrical Power & P.D
21/10/2024		<ul style="list-style-type: none"> • P5.4 – Electrical Current & Energy transfer • P5.5 – Appliances & Efficiency
04/11/2024		P6 – Molecules & Matter
11/11/2024		<ul style="list-style-type: none"> • P6.1 – Density • P6.1 – Required practical
18/11/2024		<ul style="list-style-type: none"> • P6.2 – States of matter • P6.3 – Changes of state
25/11/2024		<ul style="list-style-type: none"> • P6.4 – Internal energy • P6.5 – Specific latent heat
02/12/2024		P7 – Radioactivity
09/12/2024		<ul style="list-style-type: none"> • P7.1 – Atoms & radiation • P7.2 – Discovery of the nucleus • P7.3 – Changes in the nucleus
16/12/2024		<ul style="list-style-type: none"> • P7.4 – Alpha, Beta, Gamma • P7.5 – Activity & Half-life
06/01/2025		P7 – Radioactivity cont.
13/01/2025		<ul style="list-style-type: none"> • P7.7 – Nuclear fission • P7.8 – Nuclear fusion • P7.8 – Nuclear issues
20/01/2025		Assessment Point 1 – P1 – P6.
27/01/2025		P8 – Forces in balance
03/02/2025		<ul style="list-style-type: none"> • P8.1 – Vectors & Scalars
10/02/2025		<ul style="list-style-type: none"> • P8.2 – Force between objects • P8.3 – Resultant forces
24/02/2025		P8 – Forces in balance
03/03/2025		<ul style="list-style-type: none"> • P8.4 – Moments
10/03/2025		<ul style="list-style-type: none"> • P8.5 – Levers & Gears • P8.6 – Centre of mass
17/03/2025		<ul style="list-style-type: none"> • P8.8 – Parallelogram of forces (HT) • P8.9 – Resolution of forces (HT)

Year 10 Long Term Scheme of Learning 2024-25



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24/03/2025		P9 – Motion <ul style="list-style-type: none"> • P9.1 – Distance – time graphs • P9.2 – Velocity & acceleration
31/03/2025		
21/04/2025		P9 – Motion cont. <ul style="list-style-type: none"> • P9.3 – Velocity – time graphs • P9.4 – Analysing motion graphs
28/04/2025		
05/05/2025		P10 – Forces and Motion <ul style="list-style-type: none"> • P10.1 – Force & Acceleration • P10.1 – Required practical • P10.2 – Weight & Terminal Velocity
12/05/2025		
19/05/2025		
02/06/2025		
09/06/2025		P10 – Forces and Motion cont. <ul style="list-style-type: none"> • P10.3 – Force & Braking • P10.4 – Momentum • P10.5 – Forces and elasticity
16/06/2025		
23/06/2025		
30/06/2025		
07/07/2025		
14/07/2025		