

## Year 10 Physics 8463 Learning Journey 2023-2024

Week	Date		Topic	Assessment
1wed	4.09.23		Review GCSE specification & structure/Aos/RPAs	
2	11.09.23	4.1	Energy	
3	18.09.23		RPA Specific Heat Capacity (week 2-6)	Checkpoint
4	25.09.23		RPA Thermal insulators (week 3-6)	Exam question
5	02.10.23			Exam question
6	9.10.23			EOT & RAP
7	16.10.23	4.2	Electricity	
Half term				
8	30.10.23		RPA Investigating circuits: length of wire/resistors in series & parallel (week 7-11)	Exam question
9	6.11.23		RPA Investigate I-V characteristics x3 components, draw circuits (week 8-12)	Checkpoint
10	13.11.23			Exam question
11	20.11.23			Exam question
12	27.11.23			EOT & RAP
13	4.12.23	4.3	Particle Model	
14	11.12.23		RPA Density of regular & irregular shaped objects (week14-17)	
CHRISTMAS				
15 Tue	2.01.24			Checkpoint
16	8.01.24			Exam question
17	15.01.24			EOT & RAP
18	22.01.24	4.4	Atomic Structure	
19	29.01.24			Checkpoint
20	5.02.24			Exam question
Half term				
21	19.02.24			Exam question
22	26.02.24			EOT & RAP
23	4.03.24	4.5	Forces	
24	11.03.24		RPA Force & spring extension (week 24 – 27)	Checkpoint
25	18.03.24		RPA Force, mass & acceleration x2 (week 24 – 27)	Exam question
26	27.03.24			Exam question
EASTER				
27	17.04.24			Exam question
28	24.04.24			EOT & RAP
29 (BH)	02.05.24	4.8	Space	
30	08.05.24			Checkpoint
31	15.05.24			Exam question
32	22.05.24			EOT & RAP
Half term				
33	05.06.24		Contingency	
34	12.06.24		Exam prep	
35	19.06.24		Annual Exams	
36	23.06.24		Annual Exams	
37	03.07.24		RAP	

<b>38</b>	<b>10.07.24</b>		<b>RAP</b>		
<b>39</b>	<b>17.07.24</b>		Activities week		

Name:			Autumn	Spring	Summer
Subject Target		Flightpath			
Annual Exam Grade:		BFL			

<u>Required Practical Activities in Year 10</u> 1. Specific heat capacity 2. Investigate thermal insulators 3. Investigating circuits: length of wire/resistors in series & parallel 4. Investigate I-V characteristics x3 components, draw circuits	<u>Required Practical Activities in Year 10</u> 5. Density of regular & irregular shaped objects 6. Force & spring extension 7. Force, mass & acceleration x2	<u>Required Practical Activities in year 11</u> 8. Measuring wave speed, frequency & wavelength in water & a solid 9. Reflection & refraction of light. 10. Infrared radiation & nature of the surface.
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