

**Scope and Sequence Document for: IGCSE Physics (Official)**

Tutor	Sinead Taylor		
Tutor qualifications:	M.Sc (hons) Birmingham, GTP	IGCSE/A level Exam board & Specification: No:	CIE IGCSE Physics, 0625
Resources required:	IGCSE Physics (2014) 3 <sup>rd</sup> Edition, Tom Duncan & Heather Kennett, ISBN 9781444176421, Hodder Cambridge IGCSE Physics Coursebook, (2014) 2 <sup>nd</sup> Edition, David Sang, ISBN 9781107614581, Cambridge University Press		

Module No.	NSW week No.	Week beginning Monday the:	Contents of study
1	1	04/09/17	Measurements (Part 1)
2	2	11/09/17	Measurements (Part 2)
3	3	18/09/17	Speed, velocity and acceleration
4	4	25/09/17	Graphs of equations
5	5	02/10/17	Falling bodies
6	6	09/10/17	Density
7	7	16/10/17	Questions and revision
	8	23/10/17	Half Term
8	9	30/10/17	Weight and stretching
9	10	06/11/17	Adding forces
10	11	13/11/17	Force and acceleration
11	12	20/11/17	Circular motion
12	13	27/11/17	Moments and levers
13	14	04/12/17	Centres of mass
14	15	11/12/17	Momentum
	16	18/12/17	Christmas Holiday
	17	25/12/17	Christmas Holiday
	18	01/01/18	Christmas Holiday
15	19	08/01/18	Questions and revision <b>[Year 10 Project begins]</b>
16	20	15/01/18	Energy transfer
17	21	22/01/18	Kinetic and potential energy

18	22	29/01/18	Energy sources
19	23	05/02/18	Pressure and liquid pressure
	24	12/02/18	Half Term
20	25	19/02/18	Questions and revision
21	26	26/02/18	Molecules
22	27	05/03/18	The gas laws
23	28	12/03/18	Expansion of solids, liquids and gases
24	29	19/03/18	Thermometers
	30	26/03/18	Easter Holiday
	31	02/04/18	Easter Holiday
	32	09/04/18	Easter Holiday
25	33	16/04/18	Chapter 21 Specific heat capacity <b>[Year 10 Project Ends]</b>
26	34	23/04/18	Specific latent heat
27	35	30/04/18	Conduction and convection
28	36	07/05/18	Radiation radiation
29	37	14/05/18	Questions and revision
30	38	21/05/18	Exam
	39	28/05/18	Half Term
31	40	04/06/18	Mechanical waves
32	41	11/06/18	Reflection of light
33	42	18/06/18	Plane mirrors
34	43	25/06/18	Refraction of light
NSW Summer holiday period – 2 July – 31 August 2018			
35	1	03/09/18	<b>Heat and Energy</b> Chapter 29 Specific Heat Capacity
36	2	10/09/18	Chapter 30 Specific latent heat
37	3	17/09/18	Chapter 31 Conduction and convection
38	4	24/09/18	Chapter 32 Radiation
39	5	01/10/18	Questions and revision
40	6	08/10/18	<b>Electricity</b> Chapter 33 Static electricity
41	7	15/10/18	Chapter 34 Electric current
	8	22/10/18	Half Term
42	9	29/10/18	Chapter 35 Potential difference

43	10	05/11/18	Chapter 36 Resistance
44	11	12/11/18	Chapter 37 & 38 Electric power
45	12	19/11/18	Chapter 39 Electronic systems
46	13	26/11/18	Chapter 40 Digital Electronics
47	14	03/12/18	Questions and revision
48	15	10/12/18	<b>Electromagnetic effects</b> Chapter 41 Magnetic fields
	16	17/12/18	Christmas Holiday
	17	24/12/18	Christmas Holiday
	18	31/12/18	Christmas Holiday
49	19	07/01/19	Chapter 42 Electromagnets
50	20	14/01/19	Revision
51	21	21/01/19	Mock exam
52	22	28/01/19	Chapter 43 Electric motors
53	23	04/02/19	Chapter 44 Electric meters
	24	11/02/19	Half Term
54	25	18/02/19	Chapter 45 Generators
55	26	25/02/19	Chapter 46 Transformers
56	27	04/03/19	Questions and revision
58	28	11/03/19	<b>Electrons and atoms</b> Chapter 47 Electrons
59	29	18/03/19	Chapter 48 Radioactivity
60	30	25/03/19	Chapter 49 Atomic structure
61	31	01/04/19	Questions and revision
		08/04/19	Easter Holiday
		15/04/19	Easter Holiday
		22/04/19	Easter Holiday
62		29/04/19	Revision for final exam
		06/05/19	
		13/05/19	
		20/05/19	
		27/05/19	Half Term
		03/06/19	
		10/06/19	
		17/06/19	

		24/06/19	
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