

Scope and Sequence Document for: IGCSE Physics (Official)

Tutor	Eric van der Merwe		
Tutor qualifications:	MPhys (Sussex)	IGCSE/A level Exam board & Specification No:	IGCSE Physics CAIE 0625
Resources required:	IGCSE Physics (2014) 3 rd Edition, Tom Duncan & Heather Kennett, ISBN 9781444176421, Hodder Cambridge IGCSE Physics Coursebook, (2014) 2 nd Edition, David Sang, ISBN 9781107614581, Cambridge University Press		

Module No.	NSW week No.	Week beginning Monday the:	Contents of study
1	1	03/09/18	Measurements (Part 1)
2	2	10/09/18	Measurements (Part 2)
3	3	17/09/18	Speed, velocity and acceleration
4	4	24/09/18	Graphs of equations
5	5	01/10/18	Falling bodies
6	6	08/10/18	Density
7	7	15/10/18	Questions and revision
	8	22/10/18	Half Term
8	9	29/10/18	Weight and stretching
9	10	05/11/18	Adding forces
10	11	12/11/18	Force and acceleration
11	12	29/11/18	Circular motion
12	13	26/11/18	Moments and levers
13	14	03/12/18	Centres of mass
14	15	10/12/18	Momentum
	16	17/12/18	Christmas Holiday
	17	24/12/18	Christmas Holiday
	18	31/12/18	Christmas Holiday

15	19	07/01/19	Questions and revision [Year 10 Project begins]
16	20	14/01/19	Energy transfer
17	21	21/01/19	Kinetic and potential energy
18	22	28/01/19	Energy sources
19	23	04/02/19	Pressure and liquid pressure
	24	11/02/19	Half Term
20	25	18/02/19	Questions and revision
21	26	25/02/19	Molecules
22	27	04/03/19	The gas laws
23	28	11/03/19	Expansion of solids, liquids and gases
24	29	18/03/19	Thermometers
25	30	25/03/19	Chapter 21 Specific heat capacity [Year 10 Project Ends]
26	31	01/04/19	Specific latent heat
	32	08/04/19	Easter Holiday
	33	15/04/19	Easter Holiday
	34	22/04/19	Easter Holiday
27	35	29/04/19	Conduction and convection
28	36	06/05/19	Radiation radiation
29	37	13/05/19	Questions and revision
30	38	20/05/19	Exam
	39	27/05/19	Half Term
31	40	03/06/19	Mechanical waves
32	41	10/06/19	Reflection of light
33	42	17/06/19	Plane mirrors
34	43	24/06/19	Refraction of light
NSW Summer holiday period – 1 July – 31 August 2019			
35	1	02/09/19	Heat and Energy Chapter 29 Specific Heat Capacity
36	2	09/09/19	Chapter 30 Specific latent heat
37	3	16/09/19	Chapter 31 Conduction and convection
38	4	23/09/19	Chapter 32 Radiation
39	5	30/09/19	Questions and revision
40	6	07/10/19	Electricity Chapter 33 Static electricity

41	7	14/10/19	Chapter 34 Electric current
	8	21/10/19	Half Term
42	9	28/10/19	Chapter 35 Potential difference
43	10	04/11/19	Chapter 36 Resistance
44	11	11/11/19	Chapter 37 & 38 Electric power
45	12	18/11/19	Chapter 39 Electronic systems
46	13	25/11/19	Chapter 40 Digital Electronics
47	14	02/12/19	Questions and revision
48	15	09/12/19	Electromagnetic effects Chapter 41 Magnetic fields
	16	16/12/19	Christmas Holiday
	17	23/12/19	Christmas Holiday
	18	30/12/19	Christmas Holiday
49	19	06/01/20	Chapter 42 Electromagnets
50	20	13/01/20	Revision
51	21	20/01/20	Mock exam
52	22	27/01/20	Chapter 43 Electric motors
53	23	03/02/20	Chapter 44 Electric meters
	24	10/02/20	Half Term
54	25	17/02/20	Chapter 45 Generators
55	26	24/02/20	Chapter 46 Transformers
56	27	02/03/20	Questions and revision
58	28	09/03/20	Electrons and atoms Chapter 47 Electrons
59	29	16/03/20	Chapter 48 Radioactivity
60	30	23/03/20	Chapter 49 Atomic structure
61	31	30/03/20	Questions and revision
		06/04/20	Easter Holiday
		13/04/20	Easter Holiday
		20/04/20	Easter Holiday
62		27/04/20	Revision for final exam
		04/05/20	
		11/05/20	
		18/05/20	
		25/05/20	Half Term

		01/06/20	
		08/06/20	
		15/06/20	
		22/06/20	