

Scope and Sequence Document for: IGCSE Coordinated Science

Tutor	Aileen Seymour		
Tutor qualifications:	B.Sc (hons) London, PGCE, (Oxon)	IGCSE/A level Exam board & Specification No:	IGCSE Coordinated Science CAiE 0654
Resources required:	<p>Cambridge IGCSE Chemistry Coursebook, (2014), Richard Harwood & Ian Lodge, ISBN 9781107615038, CUP;</p> <p>Cambridge IGCSE Physics Coursebook, (2014), David Sang, ISBN - 9781107614581, CUP;</p> <p>Cambridge IGCSE Biology Coursebook, (2014), Mary Jones & Geoff Jones, ISBN 9781107614796, CUP;</p> <p>Cambridge IGCSE Physics Workbook, (2014), David Sang, ISBN 9781107614888, CUP;</p> <p>Cambridge IGCSE Chemistry Workbook, (2014), Richard Harwood & Ian Lodge, ISBN 9781107614994, CUP;</p> <p>Cambridge IGCSE Biology Workbook, (2014), Mary Jones & Geoff Jones, ISBN 9781107614932, CUP.</p>		

Module No.	NSW week No.	Week beginning Monday the:	Contents of study
R	1	05/09/22	Practical skills revision
1a(i)	2	12/09/22	Materials – states of matter
1a(ii)	3	19/09/22	Materials – atomic structure
	4	26/09/22	
1b(i)	5	03/10/22	Materials – chemical reactions
	6	10/10/22	
1b(ii)	7	17/10/22	Materials – periodic table
	8	24/10/22	Half Term
1b(ii)	9	31/10/22	Materials – periodic table
2	10	07/11/22	Cells and classification
3	11	14/11/22	Transport in humans
	12	21/11/22	
4	13	28/11/22	Forces and their effect + practical exercise
	14	05/12/22	
5a	15	12/12/22	The earth's resources – acids, bases and salts
	16	19/12/22	Christmas Holiday

	17	26/12/22	Christmas Holiday
	18	02/01/23	Christmas Holiday

5b	19	09/01/23	Earth's resources - important chemicals
	20	16/01/23	
5c	21	23/01/23	Earth's resources – fuels and polymers
6a	22	30/01/23	Diet and digestion- biological molecules
	23	06/02/23	
6b	24	13/02/23	Diet and digestion – digestive system
	25	20/02/23	Half Term
6b	26	27/02/23	Diet and digestion – digestive system (Cont.)
7	27	06/03/23	Respiration and gas exchange
	28	13/03/23	
8	29	20/03/23	Homeostasis and coordination
	30	27/03/23	
	31	03/04/23	Easter Holiday
	32	10/04/23	Easter Holiday
	33	17/04/23	Easter Holiday
9a	34	24/04/23	Energy - energy resources
9b	35	01/05/23	Energy - heat and heat transfer
	36	08/05/23	
	37	15/05/23	Revision and exam
10	38	22/05/23	Nutrition in plants
	39	29/05/23	Half Term
11	40	05/06/23	Transport in plants
	41	12/06/23	
	42	19/06/23	Practical skills 1
12a	43	26/06/23	Practical ecology
NSW Summer holiday period – 3 July – 4 September 2023			
	1	04/09/23	Practical skills 2
12b	2	11/09/23	Organisms and the environment
	3	18/09/23	

13a	4	25/09/23	Waves and radioactivity – waves and electromagnetic spectrum
	5	02/10/23	
13b	6	09/10/23	Waves and radioactivity - radioactivity
	7	16/10/23	
	8	23/10/23	Half Term
14a	9	30/10/23	Reproduction – cell division
14b	10	06/11/23	Reproduction – plants and animals
	11	13/11/23	
15	12	20/11/23	Variation and genetics
	13	27/11/23	
	14	04/12/23	Practical revision
	15	11/12/23	
	16	18/12/23	Christmas Holiday
	17	25/12/23	Christmas Holiday
	18	01/01/24	Christmas Holiday
	19	08/01/24	Mock exam
16a	20	15/01/24	Magnetism
16b	21	22/01/24	Electricity
	22	39/01/24	
16c	23	05/02/24	Magnetism and electricity
	24	12/02/24	
	25	19/02/24	Half Term
	26	26/02/24	Revision
	27	04/03/24	
	28	11/03/24	Practise revision questions
	29	18/03/24	
	30	25/03/24	Easter Holiday
	31	01/04/24	Easter Holiday
	32	08/04/24	Easter Holiday
	33	15/04/24	
	34	22/04/24	
	35	19/04/24	
	36	06/05/24	

	37	13/05/24	
	38	20/05/24	
	39	27/05/24	Half Term
	40	03/06/24	
	41	10/06/24	
	42	17/06/24	
	43	24/06/24	