

### Scope and Sequence Document for: IGCSE Coordinated Science

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

Module No.	NSW week No.	Week beginning Monday the:	Contents of study
R	1	06/09/21	Practical skills revision
1a(i)	2	13/09/21	Materials – states of matter
1a(ii)	3	20/09/21	Materials – atomic structure
	4	27/09/21	
1b(i)	5	04/10/21	Materials – chemical reactions
	6	11/10/21	
1b(ii)	7	18/10/21	Materials – periodic table
	8	25/10/21	Half Term
1b(ii)	9	01/11/21	Materials – periodic table
2	10	08/11/21	Cells and classification
3	11	15/11/21	Transport in humans
	12	22/11/21	
4	13	29/11/21	Forces and their effect + practical exercise
	14	06/12/21	
5a	15	13/12/21	The earth's resources – acids, bases and salts
	16	20/12/21	Christmas Holiday
	17	27/12/21	Christmas Holiday
	18	03/01/22	Christmas Holiday

5b	19	10/01/22	Earth's resources - important chemicals
	20	17/01/22	
5c	21	24/01/22	Earth's resources – fuels and polymers
6a	22	31/01/22	Diet and digestion- biological molecules
	23	07/02/22	
	24	14/02/22	Half Term
6b	25	21/02/22	Diet and digestion – digestive system
	26	28/02/22	
7	27	07/03/22	Respiration and gas exchange
	28	14/03/22	
8	29	21/03/22	Homeostasis and coordination
	30	28/03/22	
	31	04/04/22	Easter Holiday
	32	11/04/22	Easter Holiday
	33	18/04/22	Easter Holiday
9a	34	25/04/22	Energy - energy resources
9b	35	02/05/22	Energy - heat and heat transfer
	36	09/05/22	
	37	16/05/22	Revision and exam
10	38	23/05/22	Nutrition in plants
	39	30/05/22	Half Term
11	40	06/06/22	Transport in plants
	41	13/06/22	
	42	20/06/22	Practical skills 1
12a	43	27/06/22	Practical ecology
NSW Summer holiday period – 4 July – 5 September 2122			
	1	05/09/22	Practical skills 2
12b	2	12/09/22	Organisms and the environment
	3	19/09/22	
13a	4	26/09/22	Waves and radioactivity – waves and electromagnetic spectrum
	5	03/10/22	

13b	6	10/10/22	Waves and radioactivity - radioactivity
	7	17/10/22	
	8	24/10/22	Half Term
14a	9	31/10/22	Reproduction – cell division
14b	10	07/11/22	Reproduction – plants and animals
	11	14/11/22	
15	12	21/11/22	Variation and genetics
	13	28/11/22	
	14	05/12/22	Practical revision
	15	12/12/22	
	16	19/12/22	Christmas Holiday
	17	26/12/22	Christmas Holiday
	18	02/01/23	Christmas Holiday
	19	09/01/23	Mock exam
16a	20	16/01/23	Magnetism
16b	21	23/01/23	Electricity
	22	30/01/23	
16c	23	06/02/23	Magnetism and electricity
	24	13/02/23	
	25	20/02/23	Half Term
	26	27/02/23	Revision
	27	06/03/23	
	28	13/03/23	Practise revision questions
	29	20/03/23	
	30	27/03/23	
	31	03/04/23	Easter Holiday
	32	10/04/23	Easter Holiday
	33	17/04/23	Easter Holiday
	34	24/04/23	
	35	01/05/23	
	36	08/05/23	
	37	15/05/23	
	38	22/05/23	

	39	29/05/23	Half Term
	40	05/06/23	
	41	12/06/23	
	42	19/06/23	
	43	26/06/23	