

## IGCSE Science (Single award) - September 21 Intake

<b>Start Date:</b>	06-Sep-21
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	Week Number	Week Commencing Date	Topic	Subtopic	Drop in Session Date	Drop in Session Time	Tutor Marked	
Year 1	1	06-Sep-21	The nature and variety of living organisms	Characteristics of living organisms	07/09/21	13:00-13:40		
	2	13-Sep-21	The nature and variety of living organisms	Variety of living organisms	14/09/21	13:00-13:40		
	3	20-Sep-21	Structure and functions in living organisms	Level of organisation	21/09/21	13:00-13:40		
			Structure and functions in living organisms	Cell structure				
	4	27-Sep-21	Structure and functions in living organisms	Biological molecules	28/09/21	13:00-13:40		
	5	04-Oct-21	Structure and functions in living organisms	Movement of substances into and out of cells	05/10/21	13:00-13:40		
			Structure and functions in living organisms	Nutrition				
	6	11-Oct-21	Structure and functions in living organisms	Respiration	12/10/21	13:00-13:40		
	7	18-Oct-21	Structure and functions in living organisms	Gas exchange	19/10/21	13:00-13:40		
	Holiday 25/10/21 - 31/10/21							
	8	01-Nov-21	Structure and functions in living organisms		Transport	02/11/21	13:00-13:40	
	9	08-Nov-21				09/11/21	13:00-13:40	
10	15-Nov-21	Reproduction and inheritance	Reproduction	16/11/21	13:00-13:40			
11	22-Nov-21	Reproduction and inheritance		Inheritance	23/11/21	13:00-13:40		
12	29-Nov-21				30/11/21	13:00-13:40		

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	Week Number	Week Commencing Date	Topic	Subtopic	Drop in Session Date	Drop in Session Time	Tutor Marked
	13	06-Dec-21	Ecology and the environment	The organism in the environment	07/12/21	13:00-13:40	
	14	13-Dec-21	Ecology and the environment	Feeding relationships	14/12/21	13:00-13:40	
			Ecology and the environment	Cycles within ecosystems			
Holiday 20/12/21 - 09/01/22							
	15	10-Jan-22	Use of biological resources	Food production	11/01/22	13:00-13:40	
	16	17-Jan-22	Use of biological resources	Genetic modification (genetic engineering)	18/01/22	13:00-13:40	Biology mock
	17	24-Jan-22	Principles of chemistry	States of matter	25/01/22	13:00-13:40	
	18	31-Jan-22	Principles of chemistry	Elements, compounds and mixtures	01/02/22	13:00-13:40	
	19	07-Feb-22	Principles of chemistry	Atomic structure	08/02/22	13:00-13:40	
Holiday 14/2/22 - 20/02/22							
	20	21-Feb-22	Principles of chemistry	The Periodic Table	22/02/22	13:00-13:40	
			Principles of chemistry	Chemical formulae and equations			
	21	28-Feb-22	Principles of chemistry	Ionic bonding	01/03/22	13:00-13:40	
	22	07-Mar-22	Principles of chemistry	Covalent bonding	08/03/22	13:00-13:40	
			Inorganic chemistry	Group 1 (alkali metals) – lithium, sodium and potassium			
	23	14-Mar-22	Inorganic chemistry	Group 7 (halogens) – chlorine, bromine and iodine	15/03/22	13:00-13:40	
			Inorganic chemistry	Gases in the atmosphere			
	24	21-Mar-22	Inorganic chemistry	Gases in the atmosphere	22/03/22	13:00-13:40	
	25	28-Mar-22	Inorganic chemistry	Reactivity series	29/03/22	13:00-13:40	
Holiday 04/04/22 - 24/04/22							

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	26	25-Apr-22	Inorganic chemistry	Acids and alkalis	26/04/22	13:00-13:40		
	27	02-May-22	Inorganic chemistry	Chemical tests	03/05/22	13:00-13:40		
	28	09-May-22	Physical chemistry	Energetics	10/05/22	13:00-13:40		
	29	16-May-22	Physical chemistry	Rates of reaction	17/05/22	13:00-13:40		
	30	23-May-22	Organic chemistry	Introduction	24/05/22	13:00-13:40		
			Organic chemistry	Crude oil				
	Holiday 30/05/21 - 05/06/22							
	31	06-Jun-22	Organic chemistry	Crude oil	07/06/22	13:00-13:40		
	32	13-Jun-22	Organic chemistry	Alkanes	14/06/22	13:00-13:40		
			Organic chemistry	Alkenes				
	33	20-Jun-22	Organic chemistry	Synthetic polymers	21/06/22	13:00-13:40		
	34	27-Jun-22	Organic chemistry	Units	28/06/22	13:00-13:40	Chemistry mock	
			Forces and motion					
	35	04-Jul-22	Forces and motion	Movement and position	05/07/22	13:00-13:40		
36	11-Jul-22	Forces and motion	Forces and movement	12/07/22	13:00-13:40			
Holiday 18/07/22 - 04/09/22								
Year 2	1	05-Sep-22	Electricity	Units	06/09/22	14:00-14:40		
			Electricity	Mains electricity				
	2	12-Sep-22	Electricity	Current and voltage in circuits	13/09/22	14:00-14:40		
	3	19-Sep-22	Waves	Units	20/09/22	14:00-14:40		
			Waves	Properties of waves				
5	03-Oct-22	Waves	The electromagnetic spectrum	04/10/22	14:00-14:40			

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	6	10-Oct-22	Waves	Light and sound	11/10/22	14:00-14:40	
	7	17-Oct-22	Energy resources and energy transfers	Units	18/10/22	14:00-14:40	
			Energy resources and energy transfers	Energy transfers			
Holiday 24/10/22 - 30/10/22							
	8	31-Oct-22	Energy resources and energy transfers	Energy transfers	01/11/22	14:00-14:40	
			Energy resources and energy transfers	Work and power	08/11/22	14:00-14:40	
	9	07-Nov-22	Solids, liquids and gases	Units			
	10	14-Nov-22	Solids, liquids and gases	Density and pressure	15/11/22	14:00-14:40	
			Solids, liquids and gases	Ideal gas molecules			
	11	21-Nov-22	Magnetism and electromagnetism	Units	22/11/22	14:00-14:40	
	12	28-Nov-22	Magnetism and electromagnetism	Magnetism	29/11/22	14:00-14:40	
			Magnetism and electromagnetism	Electromagnetism			
	13	05-Dec-22	Radioactivity and particles	Units	06/12/22	14:00-14:40	
	14	12-Dec-22	Radioactivity and particles	Radioactivity	13/12/22	14:00-14:40	
Holiday 19/12/22 - 08/01/23							
	15	09-Jan-23	Radioactivity and particles	Radioactivity	10/01/23	14:00-14:40	
			Radioactivity and particles	Fission and fusion			
	16	16-Jan-23	Astrophysics	Units	17/01/23	14:00-14:40	
	17	23-Jan-23	Astrophysics	Motion in the universe	24/01/23	14:00-14:40	

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	18	30-Jan-23	Astrophysics	Stellar evolution	31/01/23	14:00-14:40	Physics mock	
			The nature and variety of living organisms	Recap				
	19	06-Feb-23	Structure and functions in living organisms	Recap	07/02/23	14:00-14:40		
			Reproduction and inheritance	Recap				
	Holiday 13/02/23 - 19/02/23							
	20	20-Feb-23	Ecology and the environment	Recap	21/02/23	14:00-14:40		
			Use of biological resources	Recap				
	21	27-Feb-23	Principles of chemistry	Recap	28/02/23	14:00-14:40		
			Inorganic chemistry	Recap				
	22	06-Mar-23	Physical chemistry	Recap	07/03/23	14:00-14:40		
			Organic chemistry	Recap				
	23	13-Mar-23	Forces and motion	Recap	14/03/23	14:00-14:40		
			Electricity	Recap				
	24	20-Mar-23	Waves	Recap	21/03/23	14:00-14:40		
			Energy resources and energy transfers	Recap				
	25	27-Mar-23	Solids, liquids and gases	Recap	28/03/23	14:00-14:40		
			Magnetism and electromagnetism	Recap				
	Holiday 03/04/21-23/04/23							
	26	24-Apr-23	Radioactivity and particles	Recap	25/04/23	14:00-14:40		
			Astrophysics	Recap				
	27	01-May-23	Exam period / self directed revision			02/05/23	14:00-14:40	
	28	08-May-23				09/05/23	14:00-14:40	
	29	15-May-23				16/05/23	14:00-14:40	
	30	22-May-23				23/05/23	14:00-14:40	

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Holiday 29/05/23 - 04/06/23							
	31	05-Jun-23	Exam period / self directed revision		06/06/23	14:00-14:40	
	32	12-Jun-23			13/06/23	14:00-14:40	
	33	19-Jun-23			20/06/23	14:00-14:40	
	34	26-Jun-23			27/06/23	14:00-14:40	
	35	03-Jul-23			04/07/23	14:00-14:40	
	36	10-Jul-23			11/07/23	14:00-14:40	