



IGCSE Science (Double Award) - September 21 Intake


Start Date:	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	08/09/21	12:00-12:40	
			The nature and variety of living organisms	Variety of living organisms			
			Structure and functions in living organisms	Level of organisation			
	2	13-Sep-21	Structure and functions in living organisms	Cell structure	15/09/21	12:00-12:40	
			Structure and functions in living organisms	Biological molecules			
	3	20-Sep-21	Structure and functions in living organisms	Movement of substances into and out of cells	22/09/21	12:00-12:40	
			Structure and functions in living organisms	Nutrition			
	4	27-Sep-21	Structure and functions in living organisms		Respiration	06/10/21	12:00-12:40
			Structure and functions in living organisms	Gas exchange			
	5	04-Oct-21	Structure and functions in living organisms		Transport	20/10/21	12:00-12:40
			Structure and functions in living organisms	Transport			
	6	11-Oct-21	Structure and functions in living organisms		Transport	20/10/21	12:00-12:40
			Structure and functions in living organisms	Transport			
	7	18-Oct-21	Structure and functions in living organisms		Transport	20/10/21	12:00-12:40
Structure and functions in living organisms			Transport	20/10/21			
Holiday 25/10/21 - 31/10/21							


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	8	01-Nov-21	Structure and functions in living organisms	Transport	03/11/21	12:00-12:40		
			Structure and functions in living organisms	Excretion				
	9	08-Nov-21	Structure and functions in living organisms	Coordination and response	10/11/21	12:00-12:40		
	10	15-Nov-21			17/11/21	12:00-12:40		
	11	22-Nov-21	Reproduction and inheritance	Reproduction	24/11/21	12:00-12:40		
	12	29-Nov-21	Reproduction and inheritance	Inheritance	01/12/21	12:00-12:40		
	13	06-Dec-21			08/12/21	12:00-12:40		
	14	13-Dec-21	Ecology and the environment	The organism in the environment	15/12/21	12:00-12:40		
			Ecology and the environment	Feeding relationships				
			Ecology and the environment	Cycles within ecosystems				
	Holiday 20/12/21 - 09/01/22							
	15	10-Jan-22	Ecology and the environment	Human influences on the environment	12/01/22	12:00-12:40		
	16	17-Jan-22	Use of biological resources	Food production	19/01/22	12:00-12:40		
			Use of biological resources	Selective breeding				


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	17	24-Jan-22	Use of biological resources	Genetic modification (genetic engineering)	26/01/22	12:00-12:40	Biology mock
	18	31-Jan-22	Principles of chemistry	States of matter	02/02/22	12:00-12:40	
			Principles of chemistry	Elements, compounds and mixtures			
	19	07-Feb-22	Principles of chemistry	Atomic structure	09/02/22	12:00-12:40	
			Principles of chemistry	The Periodic Table			
Holiday 14/2/22 -20/02/22							
	20	21-Feb-22	Principles of chemistry	Chemical formulae and equations	23/02/22	12:00-12:40	
	21	28-Feb-22	Principles of chemistry	Ionic bonding	02/03/22	12:00-12:40	
	22	07-Mar-22	Principles of chemistry	Covalent bonding	09/03/22	12:00-12:40	
	23	14-Mar-22	Inorganic chemistry	Group 1 (alkali metals) – lithium, sodium and potassium	16/03/22	12:00-12:40	
			Inorganic chemistry	Group 7 (halogens) – chlorine, bromine and iodine			
	24	21-Mar-22	Inorganic chemistry	Gases in the atmosphere	23/03/22	12:00-12:40	
	25	28-Mar-22	Inorganic chemistry	Reactivity series	30/03/22	12:00-12:40	
			Inorganic chemistry	Acids and alkalis			
Holiday 04/04/22 - 24/04/22							


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	26	25-Apr-22	Inorganic chemistry	Acids, bases and salt preparation	27/04/22	12:00-12:40	
	27	26/04/22	Inorganic chemistry	Chemical tests	28/04/22	12:00-12:40	
			Physical chemistry	Energetics			
	28	27/04/22	Physical chemistry	Rates of reaction	29/04/22	12:00-12:40	
	29	28/04/22	Physical chemistry	Reversible reactions and equilibria	30/04/22	12:00-12:40	
			Organic chemistry	Introduction			
	30	29/04/22	Organic chemistry	Crude oil	01/05/22	12:00-12:40	
Holiday 30/05/22 - 05/06/22							
	31	06-Jun-22	Organic chemistry	Alkanes	08/06/22	12:00-12:40	
			Organic chemistry	Alkenes			
	32	13-Jun-22	Organic chemistry	Synthetic polymers	15/06/22	12:00-12:40	Chemistry mock
			Forces and motion	Units			
	33	20-Jun-22	Forces and motion	Movement and position	22/06/22	12:00-12:40	


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	34	27-Jun-22	Forces and motion	Forces and movement	29/06/22	12:00-12:40	
	35	04-Jul-22			Electricity	(Units	06/07/22
	36	11-Jul-22	Electricity	Mains electricity	13/07/22	12:00-12:40	
			Electricity	Energy and voltage in circuits			
Holiday 18/07/22 -04/09/22							
Year 2	1	05-Sep-22	Electricity	Energy and voltage in circuits	07/09/22	13:00-13:40	
	2	12-Sep-22	Waves	Units	14/09/22	13:00-13:40	
			Waves	Properties of waves			
	3	19-Sep-22	Waves	The electromagnetic spectrum	21/09/22	13:00-13:40	
			Waves				
	4	26-Sep-22	Waves	Light and sound	28/09/22	13:00-13:40	
	5	03-Oct-22	Energy resources and energy transfers	Units	05/10/22	13:00-13:40	
			Energy resources and energy transfers	Energy transfers			
	6	10-Oct-22	Energy resources and energy transfers	Work and power	12/10/22	13:00-13:40	
	7	17-Oct-22	Solids, liquids and gases	Units	19/10/22	13:00-13:40	
			Solids, liquids and gases	Density and pressure			


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Holiday 24/10/22 - 30/10/22							
8	31-Oct-22	Solids, liquids and gases	Density and pressure	02/11/22	13:00-13:40		
		Solids, liquids and gases	Ideal gas molecules				
9	07-Nov-22	Magnetism and electromagnetism	Units	09/11/22	13:00-13:40		
		Magnetism and electromagnetism	Magnetism				
10	14-Nov-22	Magnetism and electromagnetism	Electromagnetism	16/11/22	13:00-13:40		
		Magnetism and electromagnetism	Electromagnetic induction				
11	21-Nov-22	Radioactivity and particles	Units	23/11/22	13:00-13:40		
		Radioactivity and particles	Radioactivity				
12	28-Nov-22	Radioactivity and particles	Radioactivity	30/11/22	13:00-13:40		
13	05-Dec-22	Radioactivity and particles	Fission and fusion	07/12/22	13:00-13:40		
14	12-Dec-22	Astrophysics	Units	14/12/22	13:00-13:40		
		Astrophysics	Motion in the universe				
Holiday 19/12/22 - 08/01/23							
15	09-Jan-23	Astrophysics	Motion in the universe	11/01/23	13:00-13:40	Physics mock	
		Astrophysics	Stellar evolution				
16	16-Jan-23	The nature and variety of living organisms	Recap	18/01/23	13:00-13:40		
		Structure and functions in living organisms	Recap				

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	17	23-Jan-23	Reproduction and inheritance	Recap	25/01/23	13:00-13:40		
			Ecology and the environment	Recap				
	18	30-Jan-23	Use of biological resources	Recap	01/02/23	13:00-13:40		
			Physical chemistry	Recap				
	19	06-Feb-23	Inorganic chemistry	Recap	08/02/23	13:00-13:40		
			Holiday 13/02/23 - 19/02/23					
	20	20-Feb-23	Physical chemistry	Recap	22/02/23	13:00-13:40		
			Organic chemistry	Recap				
	21	27-Feb-23	Forces and motion	Recap	01/03/23	13:00-13:40		
			Electricity	Recap				
	22	06-Mar-23	Waves	Recap	08/03/23	13:00-13:40		
			Energy resources and energy transfers	Recap				
	23	13-Mar-23	Solids, liquids and gases	Recap	15/03/23	13:00-13:40		
			Magnetism and electromagnetism	Recap				
	24	20-Mar-23	Radioactivity and particles	Recap	22/03/23	13:00-13:40		
			Astrophysics	Recap				
	Holiday 03/04/21-23/04/23							
	26	24-Apr-23				26/04/23	13:00-13:40	
	27	01-May-23						

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	28	08-May-23	Exam period / self directed revision		10/05/23	13:00-13:40		
	29	15-May-23			17/05/23	13:00-13:40		
	30	22-May-23			24/05/23	13:00-13:40		
	Holiday 29/05/23 - 04/06/23							
	31	05-Jun-23	Exam period / self directed revision		07/06/23	13:00-13:40		
	32	12-Jun-23			14/06/23	13:00-13:40		
	33	19-Jun-23			21/06/23	13:00-13:40		
	34	26-Jun-23			28/06/23	13:00-13:40		
	35	03-Jul-23			05/07/23	13:00-13:40		
	36	10-Jul-23			12/07/23	13:00-13:40		