

[Science] [Cambridge Technicals] Programme of Study 2018-2019

Term	Wk	W/C	Theme	Topic	Assessment Objectives	Notes
Autumn 1	1	3/9/18	Theme 1 Ambition (decision making/ leadership skills)	Unit 1	Understand the structure of the Earth and the development of ideas and theories about the processes that change the Earth's surface.	Monday: Training Day Tuesday: New students in Wednesday: All students in
	2	10/9/18		Know how the Earth's atmosphere has evolved and how it supports life.		
	3	17/9/18		Understand the importance of the hydrosphere for supporting human life.		
	4	24/9/18		Understand how we extract and use resources in the lithosphere, hydrosphere, atmosphere and biosphere, and the long-term effects on the Earth.		

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	5	1/10/18	Theme 2 <u>Rule of Law</u> (responsibility)			
	6	8/10/18		Unit 1 continued		
	7	15/10/18				Friday: Training Day
	8	22/10/18				
				Half Term		
Autumn 2	9	5/11/18	Theme 3 <u>Optimism</u> (learning from mistakes)			
	10	12/11/18		Research and development in science	Understand how scientific concepts become useful applications.	Friday: Data Point Deadline
	11	19/11/18			Be able to plan and use a design process to design or improve an application of science.	
	12	26/11/18				

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	13	3/12/18	Theme 4 <u>Tolerance</u> (political and cultural awareness)			
	14	10/12/18				
	15	17/12/18				Friday: Christmas Holidays
				Christmas		
Spring 1	16	7/1/19	Theme 5 <u>Devotion</u> (work ethic)			
	17	14/1/19		Unit 15	Know how current telecommunication systems can be used to communicate information.	
	18	21/1/19			Know the properties of waves	
	19	28/1/19			Know how electromagnetic waves can be used in communication.	
	20	4/2/19	Theme 6		Know some of the problems in	

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	21	11/2/19	Versatility (flexibility and adaptability)		transmitting messages.		
Half Term							
Spring 2	22	25/2/19				Monday: Training Day	
	23	4/3/19	Theme 7 Compassion (communication skills)			Careers Week	
	24	11/3/19				Friday: Data Point Deadline	
	25	18/3/19					
	26	25/3/19					
27	1/4/19	Theme 8 Innovation (problem solving/ critical thinking skills)					
Easter							
Summer 1	28		22/4/19				Monday: Bank Holiday
	29		29/4/19				
	30	6/5/19	Theme 9			Monday: Bank Holiday Tuesday: Training Day	

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	31	13/5/19	Democracy (listening and teamwork skills)	Continuing Unit 15		
	32	20/5/19				
				Half Term		
Summer 2	33	3/6/19	Theme 10 Respect (networking and interpersonal skills)			
	34	10/6/19				Wednesday: Data Point Deadline
	35	17/6/19				
	36	24/6/19				
	37	1/7/19	Theme 11 Individual Liberty (independence)			Thursday: Transition Day 1
	38	8/7/19				Thursday: Transition Day 2
	39	15/7/19				Activity Week
	40	22/7/19				Wednesday, Thursday, Friday: Holiday Club
			Theme 12 Happiness (stress and conflict management)	Summer		



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