

[Science] [KS3] 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)	speed/gravity	To calculate speed To describe how gravity acts on an object	Monday: Training Day Tuesday: New students in Wednesday: All students in
	2	10/9/18				
	3	17/9/18		periodic table/elements	To know that an element is made up of one thing To interpret the periodic table	
	4	24/9/18				
	5	1/10/18	Theme 2 Rule of Law (responsibility)	Climate and earth resources	To build a simple circuit To describe the differences between series and parallel circuits	
	6	8/10/18				

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	7	15/10/18		Reproduction/variation	To name the main parts of the reproductive system To describe some causes of variation	Friday: Training Day
	8	22/10/18				
			Half Term			
Autumn 2	9	5/11/18	Theme 3 Optimism (learning from mistakes)	energy transfers	To interpret a simple energy transfer To describe some different types of energy	
	10	12/11/18				Friday: Data Point Deadline
	11	19/11/18				
	12	26/11/18		STEM project time	To take part in a STEM project and look at a variety of STEM careers.	
	13	3/12/18	Theme 4 Tolerance			
	14	10/12/18		Inheritance		

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			(political and cultural awareness)		To understand how characteristics are inherited To know what selective breeding is	
	15	17/12/18				Friday: Christmas Holidays
			Christmas			
Spring 1	16	7/1/19	Theme 5 Devotion (work ethic)	electricity	To understand how the weather affects us To know how fossil fuels are made	
	17	14/1/19				
	18	21/1/19				
	19	28/1/19				
	20	4/2/19	Theme 6 Versatility (flexibility and adaptability)	chemical energy/types of change	To describe the signs of a chemical reaction To know the difference between	

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	21	11/2/19			a chemical and physical change	
Half Term						
Spring 2	22	25/2/19				Monday: Training Day
	23	4/3/19				Careers Week
	24	11/3/19	Theme 7 Compassion (communication skills)	Plant reproduction	To know how plants reproduce To name the parts of a flowering plant	Friday: Data Point Deadline
	25	18/3/19				
	26	25/3/19				
27	1/4/19					
Easter						
Summer 1	28	22/4/19	Theme 8 Innovation (problem solving/ critical thinking skills)	Space	To name the planets in the solar system To understand how day and night occur	Monday: Bank Holiday
	29	29/4/19				

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	30	6/5/19	Theme 9 Democracy (listening and teamwork skills)			Monday: Bank Holiday Tuesday: Training Day
	31	13/5/19				
	32	20/5/19				
				Half Term		
Summer 2	33	3/6/19	Theme 10 Respect (networking and interpersonal skills)			
	34	10/6/19		Stem project time	To take part in a simple STEM project To look at a variety of STEM careers	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		Interdependence	To construct a simple food chain To understand what animals and plants need in order to survive	Thursday: Transition Day 2

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	39	15/7/19				Activity Week
	40	22/7/19				Wednesday, Thursday, Friday: Holiday Club
			Theme 12 Happiness (stress and conflict management)		Summer	