

[Science] [Entry level] 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)	Chemistry 2	Reactions with acids investigate the amount of hydrogen produced when acids react with different metals	Monday: Training Day Tuesday: New students in Wednesday: All students in
	2	10/9/18				
	3	17/9/18			Investigate the reactions of acids with different carbonates.	
	4	24/9/18				
	5	1/10/18	Theme 2 Rule of Law (responsibility)	Chemistry 2	Investigate how to make a chemical reaction go faster	
	6	8/10/18				

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	7	15/10/18			Compare the temperature changes caused by some reactions	Friday: Training Day
	8	22/10/18				
				Half Term		
Autumn 2	9	5/11/18	Theme 3 <u>Optimism</u> (learning from mistakes)	Chemistry 2	Investigate the production of oxygen by aquatic plants in different conditions by counting bubbles.	
	10	12/11/18				Friday: Data Point Deadline
	11	19/11/18				
	12	26/11/18			Compare the amount of oxygen in fresh air and exhaled air	
	13	3/12/18	Theme 4 <u>Tolerance</u> (political and cultural awareness)	Chemistry 2		
	14	10/12/18			Compare the amount of soot produced when	

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	15	17/12/18			burning different fuels	Friday: Christmas Holidays
			Christmas			
Spring 1	16	7/1/19	Theme 5 <u>Devotion</u> (work ethic)	Biology 2	Investigate the rate of photosynthesis in pond weed.	
	17	14/1/19				
	18	21/1/19				
	19	28/1/19			Investigate the use of choice chambers, eg with woodlice or maggot	
	20	4/2/19	Theme 6 <u>Versatility</u> (flexibility and adaptability)			
	21	11/2/19				
Half Term						
Spring 2	22	25/2/19		Biology 2	Investigate the change in temperature as grass cuttings decay.	Monday: Training Day

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	23	4/3/19	Theme 7 Compassion (communication skills)			Careers Week	
	24	11/3/19			Investigate the link between seed size and plant size.	Friday: Data Point Deadline	
	25	18/3/19					
	26	25/3/19			Investigate the link between seed size and plant size.		
	27	1/4/19	Theme 8 Innovation (problem solving/ critical thinking skills)				
				Easter			
Summer 1	28	22/4/19			Physics 2	Testing visual acuity in different colours of light.	Monday: Bank Holiday
	29	29/4/19					
	30	6/5/19		Theme 9 Democracy (listening and teamwork skills)			Monday: Bank Holiday Tuesday: Training Day
	31	13/5/19			Investigate the range over which a Bluetooth device is effective.		
32	20/5/19						

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			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		Physics 2	Investigate which materials are the best electrical conductors	
	36	24/6/19				
	37	1/7/19	Theme 11 Individual Liberty (independence)			Thursday: Transition Day 1
	38	8/7/19			Investigate factors that affect the strength of an electromagnet.	Thursday: Transition Day 2
	39	15/7/19				Activity Week
	40	22/7/19				Wednesday, Thursday, Friday: Holiday Club
				Theme 12 Happiness	Summer	

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			(stress and conflict management)			