

Week	2018-19	Topic area	Lesson title	Practicals
1	03/09/2018	B8 Exchange and transport in animals	SB8a: Efficient transport and exchange SB8b: Factors affecting diffusion SB8c: The circulatory system	Suggested practical: Investigate the short-term effects of exercise on breathing rate and heart rate.
			SB8d: The heart	Suggested practical: Investigate the short-term effects of exercise on breathing rate and heart rate.
3	17/09/2018		SB8e: Cellular respiration SB8e: Cellular respiration	Core practical: Investigate the rate of respiration in living organisms.
			Revision/end of unit test	
			Review	
5	01/10/2018	B9 Ecosystems and material cycles	SB9a: Ecosystems SB9b: Energy transfer	
			SB9c: Abiotic factors and communities	Core practical: Investigate the relationship between organisms and their environment using field-work techniques, including quadrats and belt transects
			SB9c: Abiotic factors and communities	
7	15/10/2018		SB9d: Biotic factors and communities	
			SB9e: Assessing pollution	Suggested practical: Investigate how indicator species can be used to assess levels of pollution in water or the atmosphere.
			SB9f: Parasitism and mutualism	
oct half term			SB9g: Biodiversity and humans	
9	05/11/2018		B9h: Preserving biodiversity	
		Parents Evening	SB9i: Food security	
			SB9j: The water cycle	
			SB9k: The carbon cycle	Suggested practical: Investigate animal behaviour using choice chambers.
11	19/11/2018		SB9l: The nitrogen cycle	
			SB9m: Rates of decomposition	
			Revision	
			Revision	
13	03/12/2018		MOCKS	
			MOCKS	
			MOCKS	
			MOCKS	
15	17/12/2018		MOCKS	
			MOCKS	
xmas			MOCK REVIEW LESSON	
16	07/01/2019		Core Practical - Revision	*B1.6: Core Practical: Investigate biological specimens using microscopes, including magnification calculations and labelled scientific drawings from observations
17	14/01/2019		Core Practical - Revision	B1.10: Core Practical: Investigate the effect of pH on enzyme activity
			Core Practical - Revision	B1.16: Core practical: Investigate osmosis in potatoes
			Core Practical - Revision	B6.5 Core practical: Investigate the effect of light intensity on the rate of photosynthesis.
			Revision	
19	28/01/2019		Revision	
			Revision	
			Revision	
			Revision	
21	11/02/2019		Revision	
			Revision	
feb half term			Revision	
			Revision	
23	04/03/2019		Revision	
			Revision	

			Revision	
			Revision	
25	18/03/2019		Revision	
			MOCKS	
	Parents Evening		MOCKS	
			MOCKS	
27	01/04/2019		MOCK REVIEW LESSON	
			Revision	
easter			Revision	
			Revision	
29	29/04/2019		Revision	
			Revision	
	Exam revision TT		Revision	
			Revision	
31	13/05/2019	B1 - 14.5.19	Revision	
			Revision	
may half term			Revision	
			Revision	
33	03/06/2019	B2 - 7.6.19	Revision	
			Revision	
35	17/06/2019			
37	01/07/2019			
39	15/07/2019			