ANNUAL LESSON PLAN FOR BIOLOGY, KEY STAGE 4, YEAR 10 (2021-22)

	Topics	**Learning Objectives/Key Concepts**	
Term 1, September – December	**1 Life Processes** **2. The Variety of Living Organisms**	**The nature and variety of living organisms** a) Characteristics of living organisms b) Variety of living organisms **Structures and functions in living organisms** a) Levels of organisation b) Cell structure c) Biological molecules d) Movement of substances into and out of cells f) Respiration	12 12
	3. Breathing and Gas Exchange Movement in and out of cells **4. Food and Digestion**	**Structures and functions in living organisms** **g)** Gas exchange **Structures and functions in living organisms** c) Biological molecules **Structures and functions in living organisms** **e)** Nutrition	12 12
	5. Blood and Circulation	**Structures and functions in living organisms** h) Transport	12
Term 2, January – March	**6. Coordination** **7. Chemical Coordination**	**Structures and functions in living organisms** **j)** Coordination and response	10 10
	8. Homeostasis and Excretion	**Structures and functions in living organisms** i) Excretion	12
	9. Reproduction in Humans	**Reproduction and inheritance** **a)** Reproduction	12
Term 3, April – June	**10. Plants and Food** **11. Transport in Plants** **12. Chemical Coordination in Plants**	**Structures and functions in living organisms** **e)** Nutrition d) Movement of substances into and out of cells h) Transport j) Coordination and response	12 12 8
	13. Reproduction in Plants **14. Ecosystems**	**Reproduction and inheritance** **a)** Reproduction **Ecology and the environment** **a)** The organism in the environment	8 12
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