



Half term	TOPIC	CONTENT
1	<b>Introduction/terminology</b>	Introduction to the use of terminology and data analysis in Biology
	<b>B1_2 Co-ordination and Control</b>	Responding to change/ reflex actions/ hormones of the menstrual cycle/ artificial control of fertility/ homeostasis/ plant hormones.
OCTOBER HALF TERM HOLIDAY		
2	<b>B1_3 Medicine and Drugs</b>	Developing new medicines/ effective medicines/ legal and illegal drugs/ drugs in sport.
	<b>B1_4 Adaptation for Survival</b>	Adaptations in animals and plants/ competition in animals and in plants/ survival/ measuring environmental change/ impact of change.
CHRISTMAS HOLIDAY		
3	<b>B1_5 Energy in Biomass</b>	Pyramids of biomass/ energy transfers/ decay processes/ the carbon cycle/ recycling organic waste.
	<b>B1_6 Reproduction and New Technologies</b>	Inheritance/ types of reproduction/ genetic and environmental differences/ cloning/ genetic engineering/ making choices about technology.
FEBRUARY HALF TERM HOLIDAY		
4	<b>B1_6 Reproduction and New Technologies continued</b>	Inheritance/ types of reproduction/ genetic and environmental differences/ cloning/ genetic engineering/ making choices about technology.
	<b>B1_7 Evolution</b>	Theories of evolution/ Darwin/ natural selection/ classification/ evolution.
EASTER HOLIDAYS		
5	<b>B1_7 Evolution continued</b>	Theories of evolution/ Darwin/ natural selection/ classification/ evolution.
	<b>CORE ISA</b>	SCIENCE COURSEWORK
MAY HALF TERM HOLIDAY		
6	<b>B2_1 Cells, Tissues and Organs</b>	Animal and plant cells/ bacteria and yeast/ specialised cells/ diffusion/ tissues and organs/ organ systems.
	<b>B2_2 Organisms in their Environment</b>	Photosynthesis/ limiting factors/ how plants use glucose/ making the most of photosynthesis/ organisms in different environments/ measuring the distribution of organisms/ validity of data.