



Half Term	TOPIC	CONTENT
1	B2_1 Cells, Tissues and Organs	Animal and plant cells/ bacteria and yeast/ specialised cells/ diffusion/ tissues and organs/ organ systems.
	B2_2 Organisms in their Environment	Photosynthesis/ limiting factors/ how plants use glucose/ making the most of photosynthesis/ organisms in different environments/ measuring the distribution of organisms/ validity of data.
OCTOBER HALF TERM HOLIDAY		
2	B2_3 Enzymes	Proteins, catalysts and enzymes/ factors affecting enzymes/ enzymes in digestion/ making use of enzymes/ high tech enzymes.
	B2_4 Energy from Respiration	Aerobic respiration/ the effect of exercise on the body/ anaerobic respiration and lactic acid.
	B2_5 Simple Inheritance	Mitosis and growth/ meiosis/ stem cells and embryos/ Mendel and DNA/ inheritance/ inherited diseases.
CHRISTMAS HOLIDAY		
3	B2_5 Simple Inheritance continued	Mitosis and growth/ meiosis/ stem cells and embryos/ Mendel and DNA/ inheritance/ inherited diseases.
	CORE ISA	Practical investigation and written papers (SCIENCE COURSEWORK)
FEBRUARY HALF TERM HOLIDAY		
4	CORE ISA	Practical investigation and written papers (SCIENCE COURSEWORK)
	B2_6 Old and New species	The origins of life on Earth/ fossil evidence/ extinction/ isolation and the evolution of new species.
EASTER HOLIDAYS		
5	Revision	Recap y10 and y11 work and exam practice
	GCSE exams	B2 GCSE exam paper (1 hour)
MAY HALF TERM HOLIDAY		
6	GCSE exams	B1 GCSE exam paper (1 hour)