



Biology: Curriculum Overview

Year 9

Half Term	Topic studied	What will I learn?	How will I be assessed?
Year 9 Autumn 1	Cell Biology	Cells Microscopy Cell differentiation and specialisation Binary Fission Culturing micro organisms Stem cells	Homeworks Test: cells
Year 9 Autumn 2	Cell Biology	Chromosomes and mitosis Diffusion Osmosis Active transport Exchange surfaces Exchanging substances	Homeworks Classwork Test: cell division and movement in and out of cells
Year 9 Spring 1	Organisation	Cell organisation Food groups and food tests Enzyme's Enzymes and digestion	Homeworks Test: Enzymes
Year 9 Spring 2	Organisation	The lungs Circulatory system Cardiovascular disease	Classwork, homework Test: human transport system
Year 9 Summer 1	Organisation	Non- communicable disease Cancer	Classwork, homework <u>End of year exam</u>
Year 9 Summer 2	Organisation	Plant organisation Transpiration Translocation	Test: plant organisation