

Key Stage 3 Curriculum Overview

Year Group	Term 1	Term 2	Term 3
Year 7	Cell Biology <ul style="list-style-type: none"> • Animal cells • Plant Cells • Prokaryotic cells • Specialised cells • Diffusion 	Organisation <ul style="list-style-type: none"> • Blood • The heart • Movement (skeleton and muscles) • Diet and nutrition 	Diseases <ul style="list-style-type: none"> • Illnesses • Spreading disease • Responding to disease
Year 8	Energy <ul style="list-style-type: none"> • Plant structure • Photosynthesis • Gas exchange in humans • Respiration • Exercise 	Reproduction <ul style="list-style-type: none"> • Human reproductive system • Menstrual cycle • Contraception and STIs • Plant reproduction 	Ecology <ul style="list-style-type: none"> • Habitats • Food chains • Adaptations • Human impact on the environment
Year 9	Inheritance <ul style="list-style-type: none"> • DNA • Variation between organisms • Competition between organisms • Extinction 	Cell Biology <ul style="list-style-type: none"> • Recap of simple cells – plant, animal and bacterial • Microscopy and calculating magnification • Transport of substances in and out of cells 	Systems in biology <ul style="list-style-type: none"> • Digestive system and enzymes • Circulatory system • Transport of substances through plants