Subject: GCSE Biology Trilogy

Year: 10

Autumn HT1 Chapter 1	**Autumn HT2 Chapter 1 & 2**	**Spring HT1 Chapter 2 & 3**	**Spring HT2 Chapter 4**	**Summer HT1 Chapter 7**	**Summer HT2 Chapter 7**
• Looking at cells • Looking at cells • Size and scale • Microscopes • Required practical microscopy • Microscope development • Cell differentiation and specialisation • Cell division • Stem cells and therapeutic cloning • Transport in cells • S:A ratio	• Osmosis • Osmosis required practical • Active transport • The digestive system • Enzymes • Food test required practical • Enzymes required practical • The heart • Blood vessels • Blood composition • Gas exchange	• Coronary heart disease • Cancer • Plant tissues • Moving water • Moving sugar • Investigation transpiration • Pathogens • Causes of disease • Human defence system • Immunity • Antibiotics and painkillers • Drug trials	• Explaining photosynthesis • Looking at photosynthesis • Required practical photosynthesis • Increasing food production • Plant minerals and fertilisers • Cells at work • Living without oxygen	• Learning about ecosystems • Changing antibiotics factors • Competing for resources • Required practicals quadrats • Adaptations animals • Adaptations plants • Cycling materials • Cycling carbon • Land use	• Changing landscape • Global warming • Waste management • Pollution • Maintaining biodiversity Year 10 spend two weeks off timetable doing WEX and WRL.