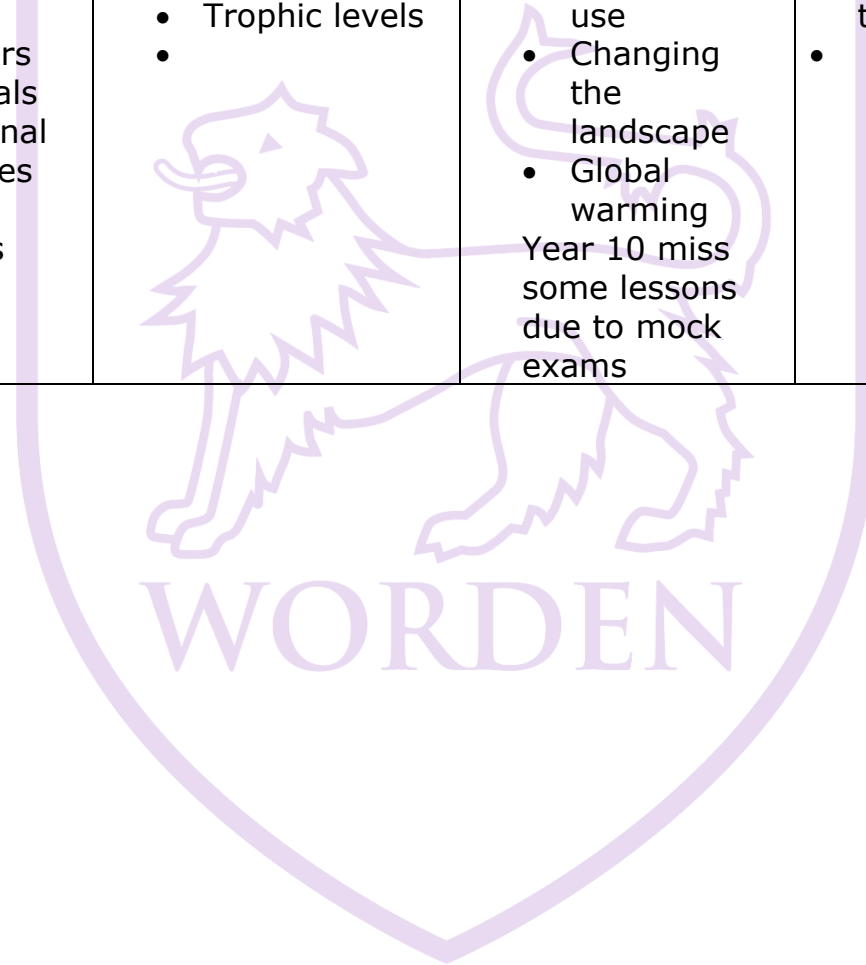


Subject: GCSE Biology Triple Science**Year: 10**

<u>Autumn HT1</u> <u>Chapter 1 & 2</u>	<u>Autumn HT2</u> <u>Chapter 2 & 3</u>	<u>Spring HT1</u> <u>Chapter 4 & 7</u>	<u>Spring HT2</u> <u>Chapter 7</u>	<u>Summer HT1</u> <u>Chapter 7&5</u>	<u>Summer HT2</u> <u>Chapter 5</u>
<ul style="list-style-type: none"> • Looking at cells • Looking at cells • Size and scale • Microscopes • Required practical microscopy • Microscope development • Growing microorganisms • Cell differentiation and specialisation • Cell division • Stem cells and therapeutic cloning • Transport in cells • S:A ratio • Osmosis 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Explaining photosynthesis • Looking at photosynthesis • Required practical photosynthesis • Increasing photosynthesis • Increasing food production • Plant minerals and fertiliser • Cells at work • Living without oxygen • Controlling body temperature • Learning about ecosystems 	<ul style="list-style-type: none"> • Transferring biomass • Competing for resources • Required practical quadrats • Adaptations animals • Adaptations plants • Cycling materials • Cycling carbon • Investigating decay • Required practical decay • Changing the environment 	<ul style="list-style-type: none"> • Looking at waste management • Investigating pollution • Maintaining biodiversity • Maintaining food security • Using biotechnology • Homeostasis • Nervous system • Reflex actions • The brain • Required practical reaction time • The eye • Seeing in focus • Eye defects 	<ul style="list-style-type: none"> • Endocrine system • Controlling blood glucose • Diabetes • Kidneys • Negative feedback • Kidney failure • Human reproduction • IVF <p>Year 10 spend two weeks off timetable doing WEX and WRL</p>

Ludus Admirandus

<ul style="list-style-type: none"> • Active transport • The digestive system • Enzymes • Food tests required practical • Enzymes required practical 	<ul style="list-style-type: none"> • Immunity • Antibiotics and painkillers • Drug trials • Monoclonal antibodies • Plant diseases 	<ul style="list-style-type: none"> • Changing abiotic factors • Trophic levels • 	<ul style="list-style-type: none"> • Learning about land use • Changing the landscape • Global warming <p>Year 10 miss some lessons due to mock exams</p>	<ul style="list-style-type: none"> • Controlling body temperature • 	
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