

**Biology combined science and separate Biology (\*bold is Biology only)**

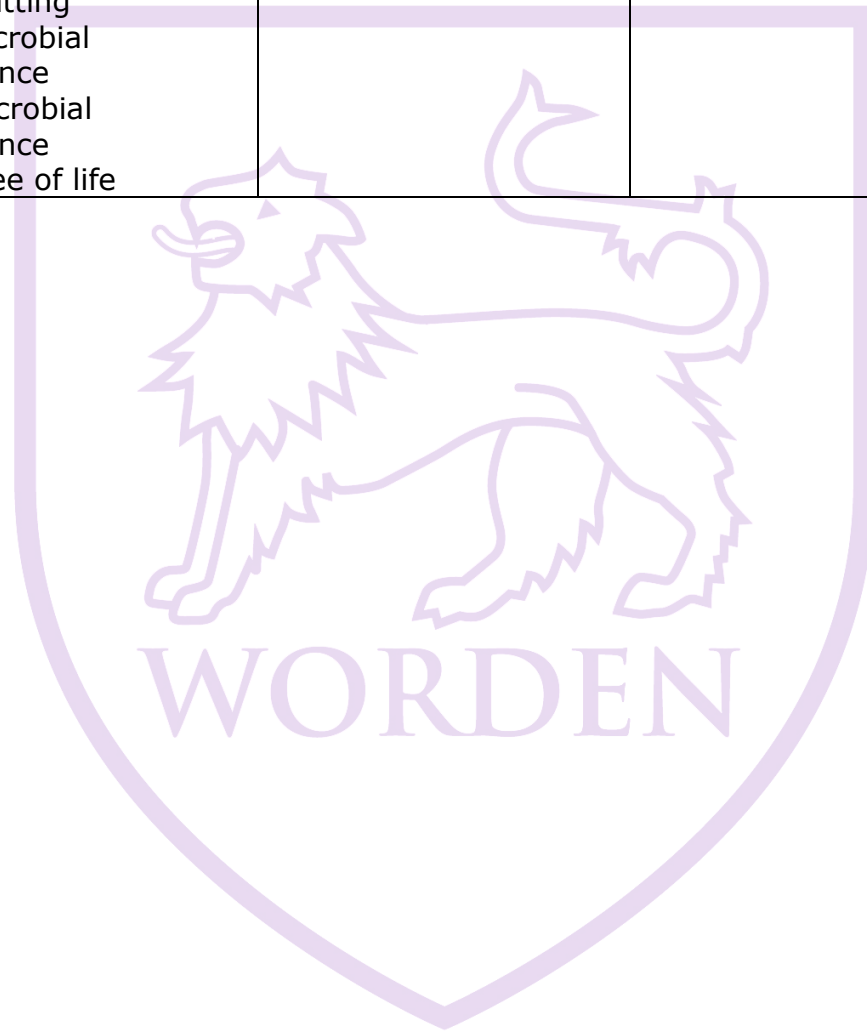
**Year: 11**

In year 11 pupils have 3 lessons of Biology a week. The lessons are followed in sequence as follows:

Half term 1 Homeostasis and Response	Half term 2 & 3 Inheritance, variation and evolution			
Homeostasis Nervous system Reflex actions <b>The brain</b> Reaction time practical <b>The eye</b> Endocrine system Controlling blood glucose Diabetes Human reproduction IVF (HT) Contraception	Sexual and asexual reproduction Meiosis DNA and genes <b>Structure of DNA</b> The human genome Tracing human migration <b>Proteins</b> <b>Mutations</b> Genetics Genetic crosses Tracking gene disorders Gregor Mendel Variation Theory of evolution Origin of species by natural selection Selective breeding Genetic engineering GM crops Darwin and Wallace Fossil evidence Extinction or survival	Once Year 11 finish the Biology specification, they spend their time doing revision lessons, knowledge gaps and exam technique and practice.		

*Ludus Admirandus*

	Combatting antimicrobial resistance Antimicrobial resistance The tree of life			
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*Ludus Admirandus*