YEAR 13

TERM 1 - A2		TERM 2 - A2		TERM 3
Organisms respond to changes in their internal and external environments 3.6.1 Stimuli, both internal and external, are detected and lead to a response CORE PRAC 10 3.6.2 Nervous coordination 3.6.3 Skeletal muscles are stimulated to contract by nerves and act as effectors 3.6.4 Homeostasis is the maintenance of a stable internal environment CORE PRAC 11	**Genetics, populations, evolution and ecosystems** 3.7.1 Inheritance 3.7.2 Populations 3.7.3 Evolution may lead to speciation 3.7.4 Populations in ecosystems CORE PRAC 12	**The Control of Gene Expression** 3.8.1 Alteration of the sequence of bases in DNA can alter the structure of proteins 3.8.2 Gene expression is controlled by a number of features 3.8.3 Using genome projects 3.8.4 Gene technologies allow the study and alteration of gene function allowing a better understanding of organism function and the design of new industrial and medical processes	**Essay Skills** **Revision** **Consolidation** **Exam Technique**	**Essay Skills** **Revision** **Consolidation** **Exam Technique**

How we support learning:

Students are encouraged and expected to be independent learners and will be given guidance to achieve this.

- Students will be given homework on a regular basis in order to promote practice of exam technique
- Misconceptions will be addressed during lessons and corrected
- Students are encouraged to make use of many available resources, including seeking help from their teacher during lesson time and breaks
- Homework and exams will be marked on a regular basis to track progress

How parents can support learning

- Support homework activities
- Promote study at home (which can exceed 6 hours a week depending on the topic) and provide a suitable environment for independent study as well as a place to sit practice exams once revision has started.
- Take an interest in your daughter's progress and the individual feedback she receives