



Year 11 GCSE Biology Revision Course (Intensive)

Dear Parents,

The Year 11 GCSE Biology Intensive is a revision program offering students a chance to refresh and tidy up their knowledge in preparation for their examinations.

The first course will cover material from the first year of the GCSE syllabus and the second course covers material from the second year. The program is open to all students of Biology currently in Year 10/11 (both single and double / combined awards). The first course must precede the second course.

Course material will be provided in the form of a revision pack including a student handbook.

This workshop covers material from the following examination boards – **Edexcel International, IGCSE, AQA and OCR** (both single and double/ combined award), for content covered during the first year (Yr 10) of the GCSE course.

A maximum of 6 students per workshop is allowed to ensure quality of revision and to encourage active discussion. Places are allocated on first-come, first-served basis with priority given to current FirstClass Academy students

For more information or general inquiries, please email help@firstclass.com.hk and state the Subject as “IGCSE Biology Revision”

Best Regards,
Callum MacRobert, Instructor

NOTE:

- **Schedule is subject to change according to students availability**
- **Additional workshops may be scheduled subject to demand**

Workshop Information

Topics covered in the **first year** of revision are as follows:

- Cells - Cells and cellular organisation
- Respiration
- Photosynthesis
- Transport in Plants and Animals (Osmosis, Diffusion and Active Transport)
- Plants - An illustration of Transport
- Proteins – Enzymes and examples
- Introduction to Hormones – Plant hormones & Animal hormones - the Menstrual cycle as an illustration of negative feedback
- DNA – Introduction to Protein Synthesis
- Homeostasis - the kidney and Blood Sugar

Topics covered in the **second year** of revision are as follows:

- Digestion – The digestive system, enzymes, digestion absorption and assimilation
- Transport and tissue fluid – cell survival
- Reproduction – Animal and Plant – the continuation of species
- The cell cycle – Mitosis and Meiosis – Gene inheritance
- Variation, Inheritance and Evolution – the gene driven process
- Genetics – Mendel and genetic crossing
- Ecology – the interaction of species and environment. A driving force of evolution
- Nutrient Cycling – The ingredients for life – recycled

Course Fee: HK\$4,800 per student per year (including course material)

Duration: 10 hours of instruction

Schedule
First Year Revision
Autumn 2010
Second Year Revision
Autumn 2010