



CAMBRIDGE SCIENCES

The science curriculum frameworks provide a comprehensive set of progressive learning.

In Foundation (Grade 8), Co-ordinated Science provides a solid foundation for the three content areas BIOLOGY, CHEMISTRY and PHYSICS, upon which the later stages of education can be built. The curriculum is dedicated to developing learners who are confident, responsible, innovative and engaged. Later on, the students have choices to follow the pure sciences;

BIOLOGY

Biology aims to give students an in depth knowledge of topics such as cells, plant transport and immunity so that they can handle information, solve problems and apply their knowledge to new situations. There is a strong practical focus which develops skills and confidence in scientific enquiry, technology and communication, as well as strong practical skills.

CHEMISTRY

Chemistry is an incredible field of study because it is fundamental to our world. Chemistry plays a role in everyone's lives and touches almost every aspect of our existence in some way. Chemistry is essential for meeting our basic needs of food, clothing, shelter, health, energy and clean air, water and soil. Chemical technologies enrich our quality of life in numerous ways by providing new solutions to problems in health, materials and energy usage. Thus studying chemistry is useful in preparing us for the real world.

PHYSICS

Physics is the study of properties of the world around us, for example: how microwaves heat up the food, talking to someone on the cell phone, flying all the way from Cape Town in 1 hr 30mins or how we get electricity we use in our homes. Physics makes our life easier and simpler, the more we discover physics the better our lives become. There is a wide variety of careers that can be entered from studying the Sciences such as Chemist, Engineer, Conservation, Medicine, Aviation and Teaching.



World Class Education. Unlocking the Future.

We offer both Cambridge and IEB curriculum and examinations.

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