

Biology

is **LIFE**

A. Introduction

Biology is a rapid advancing science incorporating a huge amount of information about living organisms. There is a misunderstanding that it is a subject involving recitation of numerous unrelated facts. In this curriculum, it is hoped that students will develop a broad, general understanding of biological principles and concepts and at the same time acquire a body of essential facts. In order to make the study of biology exciting and relevant, lessons will be introduced in real life contexts. The curriculum provides biology-related learning experiences that enable students to develop scientific literacy, so that they can participate actively in our rapid changing knowledge-based society, prepare for further studies or career in the fields related to life science, and become lifelong learners in science and technology.

B. Curriculum

The curriculum consists of compulsory and elective parts:

Compulsory Part

- I. Cells and Molecules of Life
- II. Genetics and Evolution
- III. Organisms and Environment
- IV. Health and Diseases

Elective Part

- V. Human Physiology:
Regulation and Control
- VI. Applied Ecology



Practical work



Field study

C. Mode of Assessment

The public assessment (HKDSE) of Biology will consist of a public examination component and a school-based assessment component as outlined in the following table:

Component		Weighting	Duration
Public Examination	Paper 1: Compulsory part of the curriculum	60%	2 hours 30 minutes
	Paper 2: Elective part of the curriculum	20%	1 hour
School-based Assessment (SBA) (including practical skills abilities and reporting of investigative work)		20%	/

D. Career and Further Study

Career and further study in areas such as school of science, medical and healthcare services (e.g. doctor, nurse, dentists, radiographers, dietitian, optometrist), scientific research sector, education sector (teacher), environmental protection sector, etc.

E. Am I suitable to study Biology?

If you have some of the following criteria, you should choose biology.

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| ☺ I am interested in science. | ☺ I like nature. |
| ☺ I am a curious person. | ☺ I am good at observation. |
| ☺ My writing skill is good. | ☺ My analyzing skill is good. |
| ☺ I like practical work. | ☺ I am a hard-working person. |