

SS Subject Curriculum & Assessment

Subject: Biology

Curriculum Aims

To enable students to:

- develop and maintain an interest in biology, a sense of wonder and curiosity about the living world, and a respect for all living things and the environment;
- construct and apply knowledge of biology, understand the nature of science in biology-related contexts, and appreciate the relationships between biological science and other disciplines;
- develop the ability to make scientific inquiries; think scientifically, critically and creatively; and solve biology-related problems individually and collaboratively;
- understand the language of science and communicate ideas and views on biology-related issues; and
- be aware of the social, ethical, economic, environmental and technological implications of biology, and be able to make informed decisions and judgments on biology-related issues.
- develop an attitude of responsible citizenship, and a commitment to promote personal and community health.

Curriculum Framework and Progression of Study

	Compulsory Part	Elective Part
SS1	1. Cells and Molecules of Life 2. Organisms and environment	
SS2	3. Organisms and environment 4. Health and Diseases 5. School-based Assessment	
SS3	6. Genetics and Evolution 7. School-based Assessment	<ul style="list-style-type: none"> ● Applied Ecology ● Human Physiology: Regulation and Control

Assessment

	Components	Weighting	Duration
Public Examination	Paper 1 (Compulsory part of the curriculum) Section A: MCQs Section B: Conventional Questions	18% 42%	2.5 hrs
	Paper 2 (Elective part of the curriculum) Structured Questions (Answer 2 out of 4 Qs)	20%	1 hr
School-Based Assessment	Whole curriculum Practical	20%	