

SS Subjects Curriculum & Assessment

Subject: Chemistry

Curriculum Aims				
To enable students to:				
<ul style="list-style-type: none"> ➤ develop interest and maintain a sense of wonder and curiosity about chemistry; ➤ construct and apply knowledge of chemistry, and appreciate the relationship between chemistry and other disciplines; ➤ develop the ability to think scientifically, critically and creatively, and solve problems individually and collaboratively in chemistry-related contexts; ➤ develop open-mindedness, objectivity and pro-activeness; and ➤ understand and evaluate the social, ethical, economic, environmental and technological implications of chemistry, and develop an attitude of responsible citizenship. 				
Curriculum Framework and Progression of Study				
	Compulsory Part		Elective Part	
SS1	<ul style="list-style-type: none"> ● Planet Earth ● Microscopic world I ● Metals ● Acids and Bases ● Redox Reactions, chemical cells and electrolysis 			
SS2	<ul style="list-style-type: none"> ● Microscopic world II ● Fossil Fuel and carbon compounds ● Chemistry of carbon compounds ● Patterns in the chemical world 		Analytical Chemistry	
SS3	<ul style="list-style-type: none"> ● Chemical reactions and energy ● Chemical equilibrium ● Rate of reaction 		Industrial Chemistry	
Assessment				
	Components		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 hours
School-based Assessment (SBA)			20%	

The implementation schedule of SBA is as follows:

Year of examination	Implementation of SBA
2014 and thereafter	Schools will be required to submit SBA marks for the practical related components. The SBA marks for practical related tasks will constitute 20% of the final subject mark.