

OUTLINE OF CCSLC SYLLABUS COVERED IN 1ST & 2ND FORM

We aim to cover as much of this syllabus as possible to prepare students to sit the exam in 2nd form. Module 4 is done last since much of this content is repeated in the CSEC Biology course which most students start in 3rd form.

The scientific method is employed wherever the topic supports experimentation and research.

MODULE 1: THE SCIENTIST AT WORK

This Module covers the following areas:

- a. Science and its application
- b. Safety
- c. Scientific contribution to society
- d. The need for measurement

MODULE 2: ALL ABOUT MATTER

This Module covers the following areas:

- a. States of Matter
- b. Changes of state
- c. Water – the ubiquitous state of matter
- d. Mixtures
- e. Metals and Non-metals
- f. Physical and chemical changes
- g. Acids and bases

MODULE 3: THE MYSTERIES OF LIFE

Topics covered are:

- a. Living things
- b. Cell structure and Specialization
- (c) Body Systems
- (d) Plant Structure and Function
- (e) Feeding relationships
- (f) Air
- (g) Household pests
- (h) Soil

MODULE 5: ENERGY ISSUES

This Module contains the following topics:

- a. Energy and energy changes;
- b. Heat energy;
- c. Energy in our homes;

MODULE 4: THE INDIVIDUAL

This Module contains the following topics:

- a. Senses and sense organs;
- b. Nutrition;
- c. Teeth and digestion;
- d. Health and well-being;
- e. The importance of the circulatory system;