

# CHRIST CHURCH FOUNDATION SCHOOL



CAPE INFORMATION BOOKLET

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Accounting is the study involving the systematic and comprehensive recording and reporting of the financial data pertinent to a business or group of businesses. The student should be prepared to immerse him/herself into business documents, current trends in financial reporting, mathematical analysis of economic data.

It is ideal for the student who desires to pursue a career that involves financial or economic activities and the safeguarding of economic assets. Some of the possibilities include banking, finance, accounting, economics, human resource management, business administration, supply chain, risk management, broker, investment and portfolio management, business coaching, project costing, and business analytics.

Students applying for this discipline should have passed CSEC Principles of Accounts with a grade 1 or 2 and gained at least a grade 2 in CSEC Mathematics and/or CSEC Principles of Business.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Accounting Theory, Recording and Control Systems
- Module 2      Preparation of Financial Statements
- Module 3      Financial Reporting and Interpretation

In the second year [Upper 6], students will undertake UNIT 2 which consist of:

- Module 1      Costing Principles
- Module 2      Costing Systems
- Module 3      Planning and Decision Making

The internal assessments (SBAs) for this discipline, will take the form of a research paper (Unit 1) and a test (Unit 2) to be submitted online directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline. The SBAs should be foremost in your planning and time management.

Note: You will be required to do the SBA RESEARCH paper in financial accounting (year 1), and the SBA MODULE TESTS in cost & management accounting, (year 2).

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Biology is one of the major disciplines in science. Its primary focus involves the study of plants, animals, and people. It aims to develop within each student an appreciation of the organisms and structures that produce and sustain life. The student should be prepared to immerse him/herself into the world of the microscope to discover what new secrets those cells and molecules possess.

It is ideal for the student who desires to pursue a scientific career that involves restoring, reproducing, recreating, and/or preventing destruction of the life forms around us. Some of the possibilities include food technology, laboratory research, nursing, pharmacology, therapy, medicine, dentistry, veterinary, biological/biochemical engineering, and coastal/marine/ecological conservation.

Students applying for this discipline should have passed CSEC Biology with at least a grade 2 and one other science [chemistry/physics/geography], as well as gained at least a grade 3 in CSEC Mathematics. Students who only did Human & Social Biology DO NOT qualify for selection into the CAPE Biology program.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Cell & Molecular Biology
- Module 2      Genetics, Variation & Natural Selection
- Module 3      Reproductive Biology

In the second year [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Biogenetics
- Module 2      Biosystems Maintenance
- Module 3      Application of Biology

This course includes conducting several experiments, recording data and analyses in lab books which form the internal assessments (SBAs) to be examined by CXC moderators. It is important that he/she adheres to the rules and regulations of the lab and those guidelines pertinent to proper scientific investigation. The labs should be foremost in your planning and time management.

Chemistry is one of the major disciplines in science. Its primary focus involves the study of substances and how they can be used to form new substances. The student should be prepared to immerse him/herself into the fascinating world of molecules, atoms, and ions.

It is ideal for the student who desires to pursue a scientific career that involves finding cures, re-engineering metals, plant and foods to help mankind survive from day to day. Some of the possibilities include laboratory research, medicine, psychiatry, all forms of engineering, aeronautics, all forms of food technology, health care, environmental management, oceanography, designing complex materials and drugs.

Students applying for this discipline should have passed CSEC Chemistry with at least a grade 2 and one other science [biology/physics/geography], as well as at least a grade 3 in CSEC Mathematics. Human & Social Biology DOES NOT qualify as Biology.

The syllabus is divided into two separate units of three modules each. In the first year, [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Fundamentals in Chemistry
- Module 2      Kinetics and Equilibria
- Module 3      Chemistry of the Elements

In the second year, [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Chemistry of Carbon Compounds
- Module 2      Analytical Methods and Separation Techniques
- Module 3      Industry and the Environment

This course includes conducting several experiments, recording data and analyses in lab books which form the internal assessments (SBAs) to be examined by CXC moderators. It is important that he/she adheres to the rules and regulations of the lab and those guidelines pertinent to proper scientific investigation. The labs should be foremost in your planning and time management.

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Literatures In English is the study of the principles that govern the techniques and strategies of how people retell or relate their stories. The student will develop skills and attitudes towards critical reading, interpretation, evaluation and appreciation of the literary work of authors, writers and story-tellers. The student should be prepared to immerse him/herself into issues involving literary devices, religion, culture, food, politics and all other social issues that impact our lives.

It is ideal for the student who desires to pursue a career that involves analyzing and critiquing literary works in any format. Some of the possibilities include author, journalism, commentator, historian, lawyer, research, documenting, and critic.

Students applying for this discipline should have passed CSEC English B with a grade 1 or 2; and gained at least a grade 3 in English A. A student with CSEC History grade 1 or 2 may still be considered for selection to the program.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Drama [Shakespeare and/or Caribbean Literature]
- Module 2      Poetry
- Module 3      Prose Fiction

In the second year [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Drama [Shakespeare and/or Caribbean Literature]
- Module 2      Poetry
- Module 3      Prose Fiction

This course includes conducting primary and secondary research to be presented in a paper, as a part of the internal assessments (SBAs), which is submitted online directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to proper research and reporting. The research activity should be foremost in your planning and time management.

Note: You will ONLY be required to do the SBA in your First Year so ensure you do it well at that point.

Physics is one of the major disciplines in science. Its primary focus involves the study of the nature and properties of matter and energy. It aims to develop within each student an appreciation of mechanics, heat, light, sound and atomic structures. The student should be prepared to immerse him/herself into the world of motion, magnetism, radiation and electricity.

It is ideal for the student who desires to pursue a scientific career that involves solving problems of motion, mechanics and use of energy whether on earth, in space or underwater. Some of the possibilities include laboratory research, therapy, medicine, surgery, dentistry, all forms of engineering, pilot, aeronautics, all forms of machine racing, designing complex tools and sports training strategies.

Students applying for this discipline should have passed CSEC Physics with at least a grade 2 and one other science [biology/chemistry/geography], as well as gained at least a grade 3 in CSEC Mathematics. Human & Social Biology DOES NOT qualify as Biology.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6] students will undertake UNIT 1 which consists of:

- Module 1      Mechanics
- Module 2      Oscillations and Waves
- Module 3      Thermal and Mechanical properties of Matter

In the second year [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Electromagnetism
- Module 2      Electronics
- Module 3      Atomic and Nuclear Physics

This course includes conducting several experiments, recording data and analyses in lab books which form the internal assessments (SBAs) to be examined by CXC moderators. It is important that he/she adheres to the rules and regulations of the lab; and those guidelines pertinent to proper scientific investigation. The labs should be foremost in your planning and time management.

CVQ qualification is available in this area [see the School's CVQ coordinator for details].

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Environmental Science requires the application of scientific methods to investigate issues impacting natural resource management. It aims to develop within the student applicable knowledge, skills, and attitudes that will help him/her to identify, prevent and/or solve a variety of environmental problems.

It is ideal for the student who is contemplating a career in the fields of environmental management or sustainable development of the scarce natural resources within a country. Some of the possibilities include disaster management, urban planning, landscaping, eco-tourism, oceanography, marine engineering, and natural resource management.

Students applying for this discipline should have passes in two of the following: Biology/Chemistry/ Physics/Geography, of which, one must grade 1 or 2. Candidates with a grade 1 in Human & Social Biology may be given consideration if they possess at least a grade 3 in Geography.

The syllabus is divided into two separate units of three modules each. In the first year, [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Fundamental Ecological Principles
- Module 2      Human Population & the Environment
- Module 3      Sustainable use of Natural Resources

In the second year, [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Agriculture and the Environment
- Module 2      Energy and the Environment
- Module 3      Pollution of the Environment

This course includes two investigative internal assessments (SBAs) which require the student to go out on field trips, collect, analyze and present data in a report (journal), on an identified environmental variable or issue. It is important that this forms a part of your planning and time management.

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Physical Education & Sport is the study of the principles that govern the theory and practices that enable sports personnel to live a balanced, active and healthy lifestyle as well as to improve their performances. The student should be prepared to immerse him/herself into issues involving sports disciplines, preparing training plans, movement and diet.

This is ideal for the student who desires to pursue a career that involves participating in, or managing sports related activities. Some of the possibilities include athletics, team sports, sport management, physiotherapy, sport journalism, sport psychology, coaching, statistician, dietician, and chiropractor.

Students applying for this discipline should have passed CSEC Physical Education & Sport with a grade 1 or 2 and gained at least a grade 3 in CSEC Biology/Physics/Chemistry or a grade 2 in CSEC Human & Social Biology. It is to the student's advantage to be currently and actively participating in a sporting activity.

The syllabus is separated into two separate units of three modules each. In the first year [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Functional Anatomy and Training Theory
- Module 2      Sociological Aspects of Sport
- Module 3      Sport Psychology

In the second year, [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Biomechanics
- Module 2      Sport Management
- Module 3      Technology and Innovation

This course includes conducting primary and secondary research to be presented in a paper as a part of the internal assessments (SBAs), and submitted online directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to proper research and reporting. The research activity should be foremost in your planning and time management.

Note: You will be required to do the SBA in your First Year [research] and in your Second Year [group project].



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Pure Mathematics is the study of the principles that govern the theoretical concepts that underline the language of numbers, computations, equations and measurements. The student should be prepared to immerse him/herself into issues involving numbers, angles, inferences, probabilities and possibilities.

It is ideal for the student who desires to pursue a career that involves probability, measurement and logic. Some of the possibilities include actuarial science, risk management, probability testing (eg betting systems), problem solving (eg CSI), banking and finance, accounting, economics, research and development, and data analytics.

Students applying for this discipline should have passed CSEC Mathematics with a grade 1 or 2. A pass in Additional Mathematics would make your application more favourable.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6] students will undertake UNIT 1 which consists of:

- Module 1      Basic Algebra and Functions
- Module 2      Trigonometry, Geometry, Vectors
- Module 3      Calculus I

In the second year [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Complex Numbers and Calculus II
- Module 2      Sequences, Series and Approximations
- Module 3      Counting, Matrices and Differential Equations

Each module is tested and submitted online, directly to Caribbean Examinations Council, as a part of the internal assessments, (SBAs). It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to evaluation testing. The tests should be foremost in your planning and time management.

Note: You will be required to do the SBA TESTS in your First Year as well as your Second Year.

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Geography is the study of the natural features and phenomena of the earth and the atmosphere and how they impact human activity and vice versa. It aims to develop within each student an appreciation of the forces within nature and how best we can adjust to their impacts. The student should be prepared to immerse him/herself into issues involving climate change and water scarcity, amongst other things.

It is ideal for the student who desires to pursue a career that involves solving problems of land use, natural resources, environmental issues whether on earth, in space or underwater. Some of the possibilities include field research, geology, meteorology, oceanography, mining, urban planning, civil engineering, piloting, food management, travel, economics, ecotourism, and green re-engineering.

Students applying for this discipline should have passed CSEC Geography with a grade 1 or 2, gained at least a grade 3 in one other science [biology/physics/chemistry], as well as at least a grade 3 in CSEC Mathematics. Human & Social Biology DOES NOT qualify as Biology.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Population and Settlement
- Module 2      Hydrological, Fluvial, Coastal and Limestone Environments
- Module 3      Natural Events and Hazards

In the second year [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Climate, Vegetation and Soils
- Module 2      Economic Activity
- Module 3      Development and Disparity in the Caribbean Region

This course includes conducting field work and report writing as a part of the internal assessments (SBAs) to be submitted online directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to proper field work reporting. The field work activity should be foremost in your planning and time management.

Note: You will ONLY be required to do the SBA in your First Year so ensure you do it well at that point.

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Sociology is the study of the development, structure, and functioning of human society, as well as the social problems developed therein. Its primary focus involves the examining the cultures, religions, politics, linguistic and artistic expressions of the Caribbean. It aims to develop within each student an appreciation of the diversity within our societies and how best we can adjust harmoniously. The student should be prepared to immerse him/herself into issues involving crime, violence, religion, sex, music, mental health, politics, etc.

It is ideal for the student who desires to pursue a career that involves developing strong societies and/or solving societal problems. Some of the possibilities include field research, politics, legal assistant, social analyst, psychology, social engineering, urban planning, criminology, guidance counselling, and human resource management.

Students applying for this discipline should have passed CSEC History with a grade 1 or 2 OR English A & English B with a grade 1 or 2. A student with CSEC Social Studies grade 1 may be considered if he/she has English B or History with at least a grade 3.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Sociological Concepts, Perspectives and Methods
- Module 2      Social Institutions: Family, Religion, Education
- Module 3      Social Stratification

In the second year, [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Population and Development
- Module 2      Crime and Deviance
- Module 3      Caribbean Social Issues: Poverty, Health, Environment

This course includes conducting primary and secondary research to be presented in a paper as a part of the internal assessments (SBAs), to be submitted online directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline, and those guidelines pertinent to proper research and reporting. The research activity should be foremost in your planning and time management.

Note: You will ONLY be required to do the SBA in your First Year so ensure you do it well at that point.

Computer Science is the study of the principles that govern the techniques and strategies for gathering, manipulating, analyzing and disseminating information using computer technologies. The student will develop skills and attitudes towards conducting investigative research and writing programs to solve the problem presented. The student should be prepared to immerse him/herself into issues involving software design and application, programme languages, communication, and networking.

It is ideal for the student who desires to pursue a career that involves use of computer technologies, communication or data manipulation. Some of the possibilities include computer engineering, data analytics, programming, app designing, webmaster, network administration, risk management, graphic design, animation, banking & finance, cellular technology, cyber-communications and sports technology.

Students applying for this discipline should have passed CSEC Information Technology with a grade 1 or 2 and gained at least a grade 3 in CSEC Mathematics. A student with EDPM (and no IT) will NOT be considered for selection to this program.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6], students will undertake UNIT 1 which consists of:

- Module 1      Computer Architecture and Organization
- Module 2      Problem Solving with Computers
- Module 3      Programming [using C programming language]

In the second year [Upper 6], students will undertake UNIT 2 which consists of:

- Module 1      Data Structures [using C programming language]
- Module 2      Software Engineering
- Module 3      Operating Systems and Computer Networks

This course includes designing a working program for some well researched issue or problem to be presented in documented form as a part of the internal assessments (SBAs) to be submitted online, directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to proper research and reporting. The research activity should be foremost in your planning and time management.

Note: You will be required to do the SBA in your First Year and to modify it in your Second Year.

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Management of Business is the study of the principles that govern the human and operational interactions within a business, particularly in a Caribbean context. The student should be prepared to immerse him/herself into issues involving leadership, management, finance, technology, and ethics.

It is ideal for the student who desires to pursue a career that involves managing people and business assets. Some of the possibilities include banking, finance, accounting, economics, human resource management, business administration, supply chain, operation management, product research and development, business coaching, and business analytics.

Students applying for this discipline should have passed CSEC Principles of Business with a grade 1 or 2 and gained at least a grade 2 in CSEC Mathematics and/or CSEC Principles of Accounts or English B. A student with Principles of Accounts grade 1 or 2 with a grade 2 in CSEC Mathematics or English B but no POB may still be considered for selection to the program.

The syllabus is divided into two separate units of three modules each. In the first year [Lower 6], students will undertake UNIT 1 which consists of:

Module 1	Business and its Environment
Module 2	The Management of People
Module 3	Business Finance and Accounting

In the second year [Upper 6], students will undertake UNIT 2 which consists of:

Module 1	Production Operations Management
Module 2	Fundamentals of Marketing
Module 3	Small Business Management

This course includes conducting primary and secondary research to be presented in a paper as a part of the internal assessments (SBAs) to be submitted online directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to proper research and reporting. The research activity should be foremost in your planning and time management.

Note: You will ONLY be required to do the SBA in your First Year so ensure you do it well at that point.

## TOURISM

## BAND A

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Preference will be given to those students applying for this discipline, who have passed CSEC History or Social studies with a grade 1 or 2 and who have gained at least a grade 3 in CSEC English B.

This subject is offered across year levels [i.e both Lower & Upper take the same unit in the same year]

The syllabus is divided into two separate units of three modules each.

UNIT 1 which consists of

Module 1 Concepts and Issues

Module 2 Linkages with Key Sectors

Module 3 Sustainable Tourism

An SBA is required (not transferrable)

UNIT 2 which consists of:

Module 1 Product Development

Module 2 Marketing

Module 3 Entrepreneurship

An SBA is required (not transferrable)

: This course includes conducting primary and secondary research to be presented in a paper as a part of the internal assessments (SBAs) to be submitted on line directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to proper research and reporting. The research activity should be foremost in your planning and time management.

## LAW

## BAND C

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Preference will be given to those students applying for this discipline, who have passed CSEC History or CSEC English B with a grade 1 or 2 and who have gained at least a grade 3 in Social studies.

This subject is offered across year levels [i.e both Lower & Upper take the same unit in the same year]

The syllabus is divided into two separate units of three modules each.

UNIT 1 which consists of

Module 1 Caribbean Legal Systems

Module 2 Principles of Public Law

Module 3 Criminal Law

The SBA is transferrable to Unit 2

UNIT 2 which consists of:

Module 1 Law of Tort

Module 2 Law of Contract

Module 3 Real Property

The SBA is transferrable to Unit 1

This course includes conducting primary and secondary research to be presented in a paper as a part of the internal assessments (SBAs) to be submitted on line directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to proper research and reporting. The research activity should be foremost in your planning and time management.

## ECONOMICS

## BAND C

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Preference will be given to those students applying for this discipline, who have passed CSEC Mathematics of Accounts with a grade 1 or 2 and gained at least a grade 3 in CSEC Principles of Business.

This subject is offered across year levels [i.e both Lower & Upper take the same unit in the same year]

The syllabus is divided into two separate units of three modules each.

UNIT 1 which consists of

Module 1 Methodology: Demand and Supply

Module 2 Market:  
Structure, Failure & Intervention

Module 3 Distribution Theory

The SBA is transferrable to Unit 2

UNIT 2 which consists of:

Module 1 Model of Macroeconomy

Module 2 Macroeconomics:  
Problems and policies

Module 3 Growth & Development

The SBA is transferrable to Unit 1

This course includes conducting primary and secondary research to be presented in a paper as a part of the internal assessments (SBAs) to be submitted on line directly to Caribbean Examinations Council. It is important that he/she adheres to the rules and regulations of the discipline and those guidelines pertinent to proper research and reporting. The research activity should be foremost in your planning and time management.

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Disciplines waiting to be fully incorporated into our official CAPE offerings\*.

## ENTREPRENUERSHIP\*

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Preference will be given to those students applying for this discipline, who have passed CSEC Principles of Business or Principles of Accounts with a grade 1 or 2 and gained at least a grade 3 in CSEC Mathematics.

This subject is offered across year levels [i.e both Lower & Upper take the same unit in the same year]

The syllabus is divided into two separate units of three modules each.

UNIT 1 which consists of:

Module 1 The Entrepreneurial Mindset

Module 2 The Entrepreneurial Process

Module 3 Creativity and Innovation

## FOOD & NUTRITION\*

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Preference will be given to those students applying for this discipline, who have passed CSEC Food & Nutrition with a grade 1 or 2 and gained at least a grade 3 in CSEC Biology/Chemistry/Physics or a grade 2 in Human & Social Biology/Integrated Science.

This subject is offered across year levels [i.e both Lower & Upper take the same unit in the same year]

The syllabus is divided into two separate units of three modules each.

UNIT 1 which consists of

Module 1 Principles of Nutrition & Health

Module 2 Food Selection & Planning

Module 3 Food Preparation & Service

An SBA is required (not transferrable)

UNIT 2 which consists of:

Module 1 Nutritional Science in Everyday Life

Module 2 Non-Communicable Diseases (NCDs)

Module 3 Nutrition throughout the Life Cycle

An SBA is required (not transferrable)

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## COMMUNICATION STUDIES

## LOWER (MANDATORY)

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The syllabus is divided into two separate units of three modules each. In the first year [Lower 6], students must undertake this UNIT 1 course which consists of:

Module 1 Gathering and Processing Information

Module 2 Language and Community

Module 3 Speaking and Writing

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## CARIBBEAN STUDIES

## UPPER (MANDATORY)

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The syllabus is divided into two separate units of three modules each. In the second year [Upper 6], students must undertake this UNIT 1 course which consists of:

Module 1 Caribbean Society and Culture

Module 2 Issues in Caribbean Development

Module 3 Investigating Issues in the Caribbean