SEMESTER	DURATION 55 MINUTES PER SESSION/3 SESSIONS PER WEEK	UNIT TITLE	UNIT TOPICS	SPECIFIC OBJECTIVES	SUGGESTED TEACHING AND LEARN ING ACIVITIES	ASSESSMENT
MONTH/DATE				Students should be able to:		
TERM ONE SEPTEMBER TO DECEMBER	2 weeks September 11-22, 2023	Population, Settlement, Urbanization and Migration	Population and Settlement	<ul> <li>Students should be able to:         <ul> <li>Define Population and Settlement</li> </ul> </li> <li>Types of settlement (hierarchy)</li> <li>Factors influencing a population – birth rate, death rate, natural increase and decrease, etc.</li> <li>Factors influencing population distribution and density in a named Caribbean Country (historical, cultural, physical and socioeconomic)</li> <li>Factors influencing population growth in the Caribbean and with EITHER India or China, or Nigeria: birth rate, death rate, natural increase, migration, fertility rate, life expectancy, government policies.</li> </ul>	<ul> <li>YouTube videos</li> <li>Experiment</li> <li>Roleplay</li> <li>Group work</li> <li>Watch videos/ documentaries.</li> <li>Creative presentations</li> </ul>	<ul> <li>Unit tests</li> <li>Group project</li> <li>Worksheet completion</li> <li>Artwork</li> </ul>
	September 25-29, 2023		Migration	- Definition of migration		

		<ul> <li>External vs. internal migration types, causes and consequences</li> <li>Patterns and consequences of international migration in one named Caribbean country over the last 20 years</li> </ul>		
October 2-6, 2023	Urbanization	<ul> <li>Definition of and reasons for urbanization, urban growth and urban sprawl</li> <li>Benefits and consequences of urbanization</li> <li>Benefits and consequences of urbanization in a capital city e.g. Kingston, Jamaica (look at the growth of the city).</li> <li>Causes of population growth in capital cities and other urban areas: for example, natural increase; migration (internal, regional and international); benefits: for example, labour supply, economic growth; and problems: for example, overcrowding, crime, housing, environmental).</li> <li>Methods of controlling urbanization in the Caribbean. (Attempts to control urbanisation: for example,</li> </ul>	<ul> <li>Report writing</li> <li>Class readings</li> <li>Creation of a glossary</li> </ul>	Summative Assessment: MCQ Test on Migration and Urbanization

		zoning, decentralisation of services, development of housing schemes, upgrade of rural areas, and diversification of agriculture		
Octobe 16, 202	MID-TERM	MID-TERM	MID-TERM	MID-TERM
Octobe 27, 202	SIX WEEKS TEST  Coasts	SIX WEEKS TEST	SIX WEEKS TEST	SIX WEEKS TEST

October 30 – November 10, 2023		<ul> <li>Characteristics of coastline</li> <li>Define crest, wave length, wave height, trough, etc.</li> <li>Types of waves-constructive and destructive</li> <li>Wave processes (erosion, transportation and deposition) and landforms</li> <li>Formation of cliff, notch, wave-cut platform, headland, bay, caves, arches, stacks, beaches, spit, tombolo, bars</li> </ul>	<ul> <li>Discussion</li> <li>Debate</li> <li>Group Presentation</li> </ul>	Formative Assessment: Structured Past Paper Questions on Coasts
November 13-17, 2023	Coral Reefs	<ul> <li>Definition and types</li> <li>Definition of coral polyps</li> <li>Location and distribution of coral reefs in the Caribbean</li> <li>Conditions necessary for successful formation</li> <li>Importance of coral reefs - coastal protection; raw material for</li> </ul>	<ul> <li>Report writing</li> <li>Class readings</li> <li>Creation of a glossary</li> </ul>	Summative Assessment: MCQ Test on Coast, Coral Reef and Coral Reef Destruction

	Coral Destruction	<ul> <li>beaches; ecological and economic benefits.</li> <li>Causes of destruction</li> <li>Consequences of destruction</li> <li>Measures to reduce impact in a Caribbean country.</li> </ul>	<ul><li>Experiment</li><li>Roleplay</li><li>Group work</li></ul>	
Climate, Vegetation and Soil	Climate, Vegetation and Soil	<ul> <li>Importance of mangrove wetlands: coastal protection; ecological; socioeconomic benefits.</li> <li>Define climate, ecosystem, natural vegetation, soil</li> <li>Components of an ecosystem-(living and non-living) human, climate, vegetation, soil etc.</li> <li>Location of equatorial, tropical marine and tropical continental regions (produce map)</li> <li>Climate( temperature, precipitation &amp; pressure), vegetation and soil in equatorial, tropical marine and tropical continental regions</li> <li>Adaptations of vegetation to the environmental factors of climate, soil, biotic conditions (including humans).</li> <li>Relationship between climate,</li> </ul>		Formative Assessment: Structured Past Paper Questions on Food Processing  Summative Assessment: MCQ test Food Processing  Formative Assessment: Group Work/Presentation on the different biomes

			vegetation and soil in equatorial rainforest biome (types of trees, types of leaves and roots, structure, species composition and seasonality)  - Positive impacts (sustainable management) and negative impacts (deforestation, soil erosion, soil exhaustion) of human activities on tropical forests' biomes  - Major constituents of soil: organic and inorganic matter, bacteria, water and air.  - Factors influencing the formation of latosols: interaction amongst climate, vegetation, biota, and water in soil.  - Causes and conservation methods for soil erosion		
December 4- 8, 2023	SIX WEEKS TEST	SIX WEEKS TEST	SIX WEEKS TEST	SIX WEEKS TEST	SIX WEEKS TEST
December 11- 15, 2023	Food Processing	Food Processing	<ul> <li>Identify areas in the Caribbean where food processing is a main economic activity(Trinidad and Singapore)</li> <li>Explain the physical (raw material, energy), human (transportation,</li> </ul>	Discussion KWL Strategy Group Presentation Photo-Analysis	Summative Assessment: MCQ Test on Climate and Vegetation

labour, role of government), cultural, and economic (market, capital) factors influence the location of the food processing industry in Trinidad and Singapore.  - Discuss the importance of food processing to Trinidad and Singapore (revenue, employment and economic development)  - Outline and describe the challenges faced by the food processing industry in Trinidad and Singapore (decline in source of raw material, high cost, competition, pollution, accessibility, transportation and sustainability)  - Discuss the measures implemented to deal with the solutions faced  - Outline the environmental impacts of the food processing industry on Trinidad and Singapore (deforestation, pollution, land degradation)  - Outline the measures implemented to ensure sustainable management in Trinidad and Singapore food
Trinidad and Singapore (deforestation, pollution, land degradation) - Outline the measures implemented to ensure sustainable management

SEPTEMBER TO DECEMBER	September	MAPWORK	MAPWORK  Graphs and population pyramids	<ul> <li>Draw and interpret climate graphs</li> <li>Construct and interpret population pyramids, dot and choropleth maps</li> <li>Construct and interpret bar graphs, line graphs, divided circles/pie charts, population pyramids etc. displaying population data.</li> </ul>	Formative Assessment: structured past paper questions on limestone environments  Summative Assessment: MCQ Test on limestone environments
	October		Sketch maps	<ul> <li>Draw a sketch maps to show relative location and spatial distribution</li> <li>Draw and interpret sketch sections for topographical maps</li> <li>Reduce and enlarge a section of a map</li> <li>Describe settlement types and patterns on topographical maps</li> <li>Describe the following on</li> </ul>	

November - December	Topographical maps	topographical maps: natural vegetation types and distribution, land use types and distribution, communication types and distribution, settlement types, patterns and functions	
		- Explain the relationship among the patterns of: relief, drainage, vegetation, land use, settlement and communication on topo. Maps	
		- Interpret isopleth maps, lines graphs etc.	
		- Identification and description of coastal features on topographical maps	
		- Identify and describe cultivated vegetation on topographic maps	
		- Identify and describe volcanic landscape features on a topographical map	
		- Draw and interpret cross sections of landforms	
		- Intervisibility	