Immaculate Conception High School

Grade 11-Geography Syllabus (2012/2013)

Class Organization:

- Each grade 11 class has three (5 periods) scheduled contact periods each week for geography- 2 double (1 hr & 10 mins. Each) and a single period (35 mins)
- Physical Geography is covered during a double period.
- Human geography is covered during the other double period.
- Mapwork geography is covered during the single period.

Topics:

**TERM 1 September-December**

(SBA fieldwork, draft preparations and final submissions)

- **Physical Geography/Natural Systems**
  - **Coasts**
    - Characteristics of coastline
    - Define crest, wave length, wave height, trough, etc.
    - Types of waves-constructive and destructive
    - Wave processes and landforms
    - Formation of cliff, notch, wave-cut platform, headland, bay, caves, arches, stacks, beaches, spit, tombolo, bars
  - **Coral Reefs**
    - Definition and types
    - Definition of coral polyps
    - Location and distribution of coral reefs in the Caribbean
    - Conditions necessary for successful formation
  - **Coral Destruction**
    - Causes of destruction
    - Consequences of destruction
    - Measures to reduce impact in a Caribbean country.
  - **Climate, Vegetation and Soil**
    - Define climate, ecosystem, natural vegetation, soil
    - Components of an ecosystem- (living and non-living) human, climate, vegetation, soil etc.
    - Location of equatorial, tropical marine and tropical continental regions (produce map)
    - Climate, vegetation and soil in equatorial, tropical marine and tropical continental regions
    - Relationship between climate, vegetation and soil in equatorial, tropical and tropical continental regions
    - Causes and conservation methods for soil erosion

- **Human Geography/ Human Systems**
  - **Population and Settlement**
    - Define Population and Settlement
    - Factors influencing a population – birth rate, death rate, natural increase and decrease, etc.
    - Factors influencing population distribution and density in a named Caribbean Country
    - Factors influencing growth in a Caribbean country e.g. Jamaica
    - Factors influencing population growth in a developed country e.g. USA
TERM 2: February - March

❖ Human Geography/ Human Systems

Tourism Industry

- Tourism Industry in Jamaica and Barbados
- Location in each Caribbean country (draw map)
- Factors influencing location
- Trends and Challenges

Food Processing

- Food processing in Trinidad
- Food processing in Singapore/Hong Kong
- Location in study areas (produce maps)
- Factors influencing location (physical, human, and economic factors)
- Trends and Challenges

❖ Human-Environment Systems

Deforestation

- Causes, Consequences and Mitigation measures
- Cast Study: Deforestation in Blue Mountains, Jamaica/ and Cockpit Country, Jamaica
- Case Study: Deforestation in Haiti

Natural Hazards

- Define natural disasters and hazards
- Define CDEMA and ODPEM
- Brief history, role and functions of ODPEM and CDEMA
- Revise Volcanic Eruption, Hurricanes and Earthquake impact on life and property in the Caribbean
- Individual, National and Regional responses to Volcanic eruptions, Hurricane and Earthquakes in Caribbean Countries

TERM 3- April

- Revision of syllabus
- Exam question answering strategies
Mapwork Geography (throughout the year)

NB. As each topic under physical and Human Geography is covered, they must be applied to Mapwork or related Geographical skills if applicable.

- Construct and interpret population pyramids, dot and choropleth maps
- Construct and interpret bar graphs, line graphs, divided circles/pie charts, population pyramids etc. displaying population data.
- Draw a sketch maps to show relative location and spatial distribution
- Draw and interpret sketch sections for topographical maps
- Reduce and enlarge a section of a map
- Identification and description of coastal features on topo. Maps
- Describe the following on 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
- Construct climatic graphs- rainfall and temperature info.
- Interpret isopleth maps, lines graphs etc.