

PRESENTASTION COLLEGE SAN FERNANDO

FORM 2-GEOGRAPHY
SCHEME OF WORK (2016-2017)

TERM I(15 weeks)- PLATE TECTONICS

WEEK	TOPIC	CONTENT
1	<ul style="list-style-type: none">• Introduction• The Structure of the Earth	<ul style="list-style-type: none">• Outline of topics to be covered for the term• General introduction to the topic• Plate tectonics pre-test• The structure of the earth (crust, mantle, core)
2	<ul style="list-style-type: none">• Types of rocks	<ul style="list-style-type: none">• Igneous, Sedimentary & Metamorphic rock
3	<ul style="list-style-type: none">• Types of rocks (continued)• Continental Drift	<ul style="list-style-type: none">• The Rock Cycle• The evolution of the world over time & evidence to support continental drift
4	<ul style="list-style-type: none">• Plate Tectonics	<ul style="list-style-type: none">• Definition of crustal plates• How plates move• Labelling plate boundaries(Caribbean and World)
5	<ul style="list-style-type: none">• Plate Boundaries I- Divergent plate boundary	<ul style="list-style-type: none">• Seafloor spreading & the formation of new crust and mid-oceanic ridges• Formation of rift valleys
6	<ul style="list-style-type: none">• Plate Boundaries II- Convergent plate boundary	<ul style="list-style-type: none">• Formation of fold mountains• Ocean trenches
7	<ul style="list-style-type: none">• Plate Boundaries II- Convergent plate boundary (continued)• TEST #1	<ul style="list-style-type: none">• Formation of destructive volcanoes• Formation of island arcs• The Pacific Ring of Fire
8	<ul style="list-style-type: none">• Plate Boundaries III- Transform plate boundary• Earthquakes	<ul style="list-style-type: none">• How earthquakes occur• 1906 San Francisco earthquake• Focus & epicentre• Location of major faults
9	<ul style="list-style-type: none">• Earthquakes (continued)• Tsunamis	<ul style="list-style-type: none">• P & S waves• Earthquake intensity & magnitude• Definition of tsunamis, how they occur, major recorded tsunamis
10	<ul style="list-style-type: none">• Liquefaction• Extrusive volcanic features	<ul style="list-style-type: none">• Definition of liquefaction & how it occurs• Types of lava- basic & acidic• Features of a volcano
11	<ul style="list-style-type: none">• Extrusive volcanic features (continued)	<ul style="list-style-type: none">• Types of volcanoes- shield, composite• Lava plateau and caldera- definition and formation
12	<ul style="list-style-type: none">• Intrusive volcanic features• Review	<ul style="list-style-type: none">• Sills, dykes, plugs & batholiths• Review of all topics for end of term exam

TERM II(13 weeks)- WEATHERING & MASS MOVEMENT& SOCIAL STUDIES (NCSE)

WEEK	TOPIC	CONTENT
1	<ul style="list-style-type: none"> • Review • Introduction 	<ul style="list-style-type: none"> • End of term exam paper corrections • Definitions- weathering, mass movement
2	<ul style="list-style-type: none"> • Factors affecting weathering 	<ul style="list-style-type: none"> • Presence of joints, mineral composition and grain size, climatic conditions
3	<ul style="list-style-type: none"> • Physical weathering 	<ul style="list-style-type: none"> • Definition of physical weathering <p>Processes</p> <ul style="list-style-type: none"> • Frost action • Exfoliation
4	<ul style="list-style-type: none"> • Chemical weathering 	<ul style="list-style-type: none"> • Carbonation • Hydrolysis
5	<ul style="list-style-type: none"> • Biotic weathering 	<ul style="list-style-type: none"> • How plants & animals physically break up the rock • How plants & animals chemically weather the rock • Chelation
6	<ul style="list-style-type: none"> • <u>TEST #1</u> • Mass movement process (slow) • <u>PROJECT</u>- assignment to be done during the Carnival long weekend 	<ul style="list-style-type: none"> • Soil creep- how it occurs • Evidence that soil creep is occurring • Mapping Trinidad & Tobago (NCSE) Map A- Basic landforms of Trinidad Map B- Rainfall distribution in Trinidad Map C- Population density of Trinidad Map D- Agriculture & Economic Resources in Trinidad Map E- Tourist attractions in Trinidad
7	<ul style="list-style-type: none"> • Mass movement process (fast) • Conditions influencing soil creep & landslides 	<ul style="list-style-type: none"> • Landslides- how they occur • Conditions favouring landslides • Conditions influencing soil creep & landslides- nature of the rock, size of individual grains of weathered material, amount/weight of weathered material on slopes, Slope angle & the force of gravity on the slope, amount of rainfall.
8	<ul style="list-style-type: none"> • <u>NCSE</u>- Natural Resources 	<ul style="list-style-type: none"> • Importance of natural resources • Productive use of the land • Misuse of land • Conservation of land • Role of the forests • Causes of deforestation • The water cycle and uses of water • Conservation of water
9	<ul style="list-style-type: none"> • <u>NCSE</u>- Environmental Issues • <u>NCSE</u>- Pollution Controls 	<ul style="list-style-type: none"> • Types of pollution- land, air, water and noise • Recycling • The Environmental Management Authority • Solid Waste Management Company Ltd.
10	<ul style="list-style-type: none"> • Review 	<ul style="list-style-type: none"> • Review of all topics for end of term exam

TERM III(11 weeks)- SOCIAL STUDIES (NCSE)

WEEK	TOPIC	CONTENT
1	<ul style="list-style-type: none">• Review• Economic Resources	<ul style="list-style-type: none">• End of term exam paper corrections• The labour force• Types of industries- primary, secondary, tertiary• Unemployment and underemployment• Employee protection- Trade Unions, Government's role and International Labour Organisation
2	<ul style="list-style-type: none">• Economic Development- Agriculture	<ul style="list-style-type: none">• Monoculture- definition and characteristics• Advantages and disadvantages of monoculture• Agricultural diversification• Peasant farming- definition and characteristics• Agricultural diversification in the 1970s and the diversification of the Caroni 1975 Ltd.
3	<ul style="list-style-type: none">• Economic diversification • Transportation	<ul style="list-style-type: none">• Definition• Non-Agricultural Manufacturing Industries• Point Lisas Industrial Estate• Advantages and disadvantages of economic diversification• The role of the government in industrial development • Types of transport• Advantages and disadvantages of various transportation networks• Road transport in T&T
4	<ul style="list-style-type: none">• Communication	<ul style="list-style-type: none">• The role of communication• Reasons for communication• Forms of communication• Communication through the ages• Other methods of communication• Latest inventions in communication
5	<ul style="list-style-type: none">• Distribution & Marketing	<ul style="list-style-type: none">• Distribution of goods and services• The chain of distribution• The role of the manufacturer, wholesaler and retailer• Marketing• Pricing• Marketing/distribution facilities• Changes in marketing facilities• Marketing problems• Exports and imports of T&T
6	<ul style="list-style-type: none">• Demographics of T&T• The Caribbean• Mapping the Caribbean	<ul style="list-style-type: none">• Population statistics for Trinidad & Tobago• Description of the Caribbean region• Review the map of Caribbean & naming the islands
7	<ul style="list-style-type: none">• The Caribbean- capital cities & heads of government	<ul style="list-style-type: none">• Naming the capital cities and Heads of Government of the Caribbean nations
8	<ul style="list-style-type: none">• Review	<ul style="list-style-type: none">• Review of all topics covered in terms I, II & III for end of term exams