

**GAYNSTEAD HIGH SCHOOL
SOCIAL SCIENCE DEPARTMENT
CHRISTMAS TERM
OCTOBER - DECEMBER 2020
GRADE 10**

G.H.S.

WEEK/DATE	TOPICS AND OBJECTIVES	STUDENT ACTIVITIES	RESOURCES	ASSESSMENT
WEEK 1 Oct. 12-16	<p>TOPIC: The Structure of the Earth & Plate Tectonics (Natural systems)</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> Describe the structure of the earth including crust (continental and oceanic) mantle and core. Explain the theory of plate tectonics. Locate the plates around the world. Explain the movement of plates and types of plate boundaries with the aid of diagrams. Describe the occurrence and the distribution of earthquakes, island arcs, volcanoes, fold mountains, major faults and ocean trenches in relation to the plates 	<ol style="list-style-type: none"> Draw labeled diagram representing the crust, mantle and core of the earth Outline (trace) the plate boundaries and name the plates on a map of the world (jamboard) Draw labeled diagram representing the two types of crust Complete activity 1 on page 8 in Geography for CSEC 2nd ed. Draw diagrams showing the types of plate boundaries. In groups create a PowerPoint using google slides showing the evidence used to prove plate tectonics Complete activities 1(a), 3(a, b), 4(a & b) on page 13 	<p>Geography for CSEC 2nd ed. pages 5- 14</p> <p>Introduction to plate tectonics https://youtu.be/fzhPmemffII</p> <p>Types of plate boundaries https://youtu.be/KE3XluGaTSY</p> <p>Structure of the earth and plate boundaries https://youtu.be/zbtAXW-2nz0</p>	<p>CW</p> <p>HW</p>

<p>WEEK 2 Oct. 19-23</p>	<p>TOPIC: Volcanoes (Natural systems)</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> • Explain the formation of intrusive volcanic features (sills, dykes, plugs and batholiths) • Describe the types of lava • Describe the relationship between the types of lava and the type of volcanic eruption and cone • Explain the formation of extrusive volcanic features (caldera, shield volcano, composite cone, lava plateau) 	<ol style="list-style-type: none"> 1. Label a diagram showing the intrusive volcanic features 2. Draw labeled diagrams of the types of volcanic cones 3. Read pages 17, 18, 19, 20, 21 & 23 in Geography for CSEC 2nd ed. 4. Watch videos 5. Complete activity on pages 19 (#2), 20, 21 (#s1 &2a), 31(2 a-f) 6. Use playdough or trashables to create a volcanic cone 	<p>Geography for CSEC 2nd ed. Pages 16-25.</p> <p>Classifying volcanoes https://www.youtube.com/watch?v=iavbdqsSC1o</p> <p>https://www.youtube.com/watch?v=HdhARb2PGqA</p> <p>https://www2.slideshare.net/Victoriahoo1996/volcano-types-13091111</p> <p>Types of lava https://www.youtube.com/watch?v=9I1_ZNR7EdI</p>	<p>CW HW</p>
<p>MID TERM BREAK</p>				
<p>WEEK 3 Oct. 26-30</p>	<p>TOPIC: Volcanoes (Natural Systems)</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> • Identify areas in Caribbean countries at high risk from the hazards of volcanoes • Describe the negative and positive effects of volcanoes in 	<ol style="list-style-type: none"> 1. View and summarize video on volcanic hazards highlighting the hazards and their impacts 2. In groups create a PowerPoint presentation in google slides on the impacts of volcanoes 	<p>Read Geography for CSEC pp 319- 322</p> <p>Video to summarize https://www.youtube.com/watch?v=DEtRC35In94 (posted in google classroom)</p> <p>Impacts of volcanoes https://www2.slideshare.net</p>	<p>HW</p>

	<p>the Caribbean.</p> <ul style="list-style-type: none"> • Explain the individual, national and regional responses in the Caribbean to reduce the effects of volcanoes 		<p>t/Victoriahoo1996/impacts-of-volcanoes</p> <p>Case Study: Soufriere Hills in Montserrat</p>	
<p>WEEK 4 Nov. 2-6</p>	<p>TOPIC/S: Six-figure grid reference, Sixteen point compass direction. (Practical Skills)</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> • Locate places using four and six figure grid reference • Give direction of one place in relation to another using the 16 point compass 	<ol style="list-style-type: none"> 1. Read Map reading: using grid reference pp 72 & 73 2. Watch videos on how to find six figure grid reference 3. Use topographic map on jamboard to locate places using grid reference and find directions 4. Complete grid reference activities 5. Read from text- Using directions- Compass points p 118 6 Watch videos on finding compass direction 7. Complete compass direction activity 	<p>Geography for CSEC 2nd ed.</p> <p>How to find six figure grid reference https://www.youtube.com/watch?v=ZUX6Wo2JdIQ</p> <p>Using directions- Compass points p 118</p> <p>Finding compass direction https://www.youtube.com/watch?v=D0PaAcR6Zw8 (attached in google classroom)</p>	<p>CW/HW</p>
<p>WEEK 5 Nov. 9-13</p>	<p>TOPICS: Bearing and Distance (Practical Skills)</p> <p>Objectives:</p> <ul style="list-style-type: none"> • Locate places using grid bearing • Measure straight and curved distance on maps 	<ol style="list-style-type: none"> 1. Read Geography for CSEC 2nd ed. Compass bearing p 118 2. Watch videos on compass/grid bearing 3. Read attached resource material in google classroom from The Caribbean environment for CSEC Geography pp 312-313 	<p>Geography for CSEC 2nd ed. p 118 pp 312 & 313 P 120 & 121</p> <p>Calculating bearing https://www.youtube.com/watch?v=QRZOdbChiBQ https://www.youtube.com/watch?v=T40AMljjgrU</p>	<p>CW/HW</p>

		4. Complete activities on grid bearing and distances	The Caribbean environment for CSEC Geography pp 313 & 314	
WEEK 6 Nov. 16-2	<p>TOPICS: Drawing cross section and calculating gradient (Practical Skills)</p> <p>OBJECTIVES:</p> <ul style="list-style-type: none"> • Draw and interpret cross sections • Use cross sections to determine intervisibility • Calculating gradient • Differentiate among steep, moderate and gentle slopes 	<p>1. Read in Geography for CSEC 2nd. ed. pp 47-50</p> <p>2 Watch videos on drawing cross sections</p> <p>3. Draw cross sections</p> <p>4. Identify landforms by reading cross sections</p> <p>3. Read in Geography for csec 2nd ed. 73</p> <p>4 Complete activity</p>	<p>Geography for CSEC 2nd ed. pp 47-50, 73</p> <p>Graph paper</p> <p>Drawing cross sections https://www.youtube.com/watch?v=9w-KOodmiZc</p> <p>Handout- contour landforms</p>	QUIZ on ALL practical skill topics.
SIX WEEK QUIZ				
WEEK 7 Nov. 23-27	<p>TOPICS: Population (Human Systems)</p> <p>OBJECTIVES:</p> <p>1. Define terms relating to population: population, population distribution, population growth, population density, birth rate, death rate, natural increase, migration, fertility rate, life expectancy</p> <p>2. Explain factors influencing population distribution and influencing population density</p>	<p>1. Create a crossword puzzle using the term to be defined.</p> <p>2. Read information in text</p> <p>4. In groups create a collage in google slides showing the factors influencing population growth</p> <p>5. Interpret dot maps and pyramids</p> <p>6.</p>	<p>Geography for CSEC 2nd ed</p> <ul style="list-style-type: none"> • Read pp 180-192 • Case study: Jamaica's population pp 198 -202 • Case study: The Chinese 'one child' policy pp192-193 • Population pyramid pp 194, 196 & 197 	

	<p>(historical, cultural, physical, socio-economic)</p> <p>4. Interpret dot maps and population pyramids</p> <p>5. Explain factors influencing population growth in the Caribbean</p>		<ul style="list-style-type: none"> • Dot maps p 181 <p>https://www.youtube.com/watch?v=R8w5BQM4o2c</p>	
Nov. 30- Dec. 4	<p>TOPICS: Population cont'd (Human Systems)</p> <p>1. Compare factors influencing population growth in the Caribbean with either India, China or Nigeria</p>	<p>1. Read pages in The Caribbean Environment for CSEC Geography</p> <p>2. Complete comparative table of factors influencing population growth in the Caribbean, India, China and Nigeria</p>	<p>The Caribbean Environment for CSEC Geography pp 202 - 205 (population growth in Nigeria China and India)</p>	
Dec. 7-11				
Dec.14-18				