

## General Science

		THEORY	LAB/QUIZ/TESTS
MAY			
April 22-24	WEEK 1	<u>WATER</u> cont'd	
April 27- May 1	WEEK 2	<u>WATER</u> Water Conservation and Pollution	<b>C.W#1</b> Padlet on water(done during Easter break)
May 4-15	WEEK 3-4	<u>AIR</u> Composition of air, chemical tests for oxygen and carbon dioxide, gases in air and their uses	<b>C.W #2</b> Research online/offline the percentage composition of air and present data in a variety of ways (chart, pie chart, bar graph) and assemble it on folder paper. Must be accurate in measurements

<p>May 18-22</p>	<p>WEEK 6</p>	<p><u>CARBON CYCLE</u></p> <p>Describe the carbon cycle in simple terms to include the processes of combustion, respiration and photosynthesis.</p>	<p><b>C.W # 3</b>-Quiz on Carbon Cycle (Fill in the blanks)</p>
<p>May 25-29</p>	<p>WEEK 7</p>	<p><u>FORCES AND MOTION</u></p> <p><u>OBJECTIVES:</u></p> <ul style="list-style-type: none"> <li>• Distinguishing between vector and scalar quantities</li> <li>• Recognizing balanced and unbalanced forces Effects of balanced and unbalanced forces Investigating forces involved in floating and sinking</li> <li>• Use diagrams to show all forces acting on moving objects</li> <li>• Investigating effects of streamlined shapes on motion</li> <li>• Describing motion using position, direction and speed</li> </ul>	<p><b>C.W # 3</b> (OPTIONAL)-Quiz online, fill-in-the blanks</p>

		<ul style="list-style-type: none"> <li>Solve problems with displacement, distance, velocity, speed and acceleration</li> </ul>	
JUNE 1-5	WEEK 8	REVISION FOR END OF YEAR EXAM	

## Geography

### **Grade 8 Term Three Plan**

#### **Grade 8-Geography term 3 lesson and assessment plan**

##### **Class Organization:**

- Each grade 8 class has three (3) scheduled contact periods each week for geography- 1 double (1 hr & 10 mins. Each) and a single period (35 mins)
- Physical and Human Geography is covered during a double period.
- Mapwork geography is covered during the single period.

TOPIC	TIME/DATE	OBJECTIVES	TEACHING/LEARNING ACTIVITIES	Assessments
Limestone Rock Features	3 Weeks	<ol style="list-style-type: none"> <li>1. Tell what limestone is</li> <li>2. Name and briefly describe the different types limestone</li> <li>3. describe the characteristics of limestone in terms of : chemical composition, structure, colour, permeability and hardness</li> <li>4. Discuss the significance of limestone to Jamaica’s development.</li> <li>5. Explain how limestone is weathered.</li> <li>6. Describe the following landforms which are to be found on a Karst landscape: Sinkhole/swallow hole, Underground/subterranean streams, disappearing streams, resurgence streams, Cave (stalactite, stalagmite, pillars, drip curtain), cockpits, Solution basin, limestone pavement (clints and grykes).</li> <li>7. With the aid of diagrams explain the formation of the above landforms</li> <li>8. Classify the above landforms as surface or underground features.</li> </ol>	<p>Videos</p> <p>Photo analysis</p> <p>Research</p> <p><u>Essay Writing</u> Whether or not the cockpit country should be mined.</p>	<p><b><u>Formative:</u></b> Create posters on public awareness</p> <p><b><u>Summative:</u></b> Online test on limestone via Edmodo</p>

		9. Recognise that limestone is an important resource in Jamaica.		
2. Coral reef	2 Weeks	<ol style="list-style-type: none"> <li>1. Tell what Coral reefs are.</li> <li>2. Describe the conditions necessary for their growth.</li> <li>3. Identify and describe the three main types of reefs (Fringing, Atoll and Barrier) to be found in the Caribbean and examples of places where they are to be found.</li> <li>4. Discuss with the use of specific examples the significance of Coral reefs to Coastal Protection, the Tourism and Fishing Caribbean</li> <li>5. Outline the threats to coral reef survival in the Caribbean with special emphasis on Coastal development, oil spills and Public Dumps or gullies.</li> <li>6. Outline measures which should be taken to save coral reefs</li> <li>7. Recognize the value of coral reefs to the Caribbean.</li> </ol>	<p>Photo analysis</p> <p>YouTube Videos</p> <p>Newspaper reviews on related topic</p> <p>Research</p>	<p><b><u>Formative:</u></b> Create a chart showing the different types of Coral Reefs</p> <p><b><u>Summative:</u></b> Online test on Coral Reefs via Edmodo</p>
<b>MAPWORK</b>	3 Weeks	<p><b>MAPSKILLS</b></p> <ul style="list-style-type: none"> <li>• Compass Directions – focus on 16 point compass</li> <li>• Compass Bearing</li> <li>• Use of linear scale to measure curved distances</li> <li>• Using lines of latitude and longitude to locate places</li> </ul> <p><b>REPRESENTATION OF RELIEF</b></p>	<p><b><u>Map work activity</u></b></p> <ul style="list-style-type: none"> <li>- Computer simulation/ activities</li> <li>- Atlas</li> <li>- Skills in Geography</li> </ul>	Graded worksheets

	2 Weeks	<ul style="list-style-type: none"><li>• Representation of Heights Methods – mention all methods and focus on spot height, trig. Station and contours</li><li>• Simple map interpretation e.g. land use</li><li>• Recognition of conventional symbols used on a map</li><li>• Recognition of simple relief features on topographical maps</li></ul>		
--	---------	--	--	--