Level: Form 3

Theme: The Physical earth and Human Interactions

Topic: Earth's Natural Disasters

## The Eruption of The Soufriere Hills Volcano, Montserrat

The island of Montserrat nicknamed "the Emerald Isle of the Caribbean" because of its resemblance to Ireland and because most of its inhabitants have Irish ancestry is the focus of this activity. It is part of the island arc in the eastern Caribbean.

Map 1 below shows the location of Montserrat. Find your atlas and locate Montserrat on a map of the Caribbean. Identify the surrounding countries.

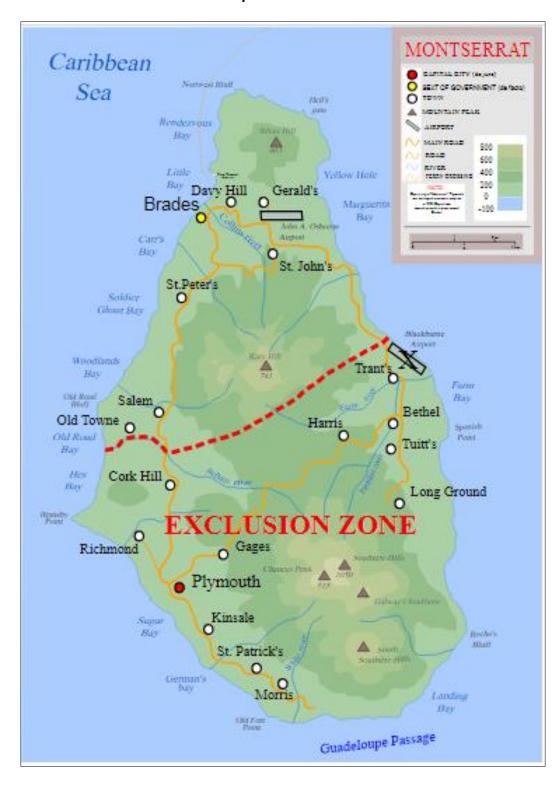


Map 1: Location of Montserrat

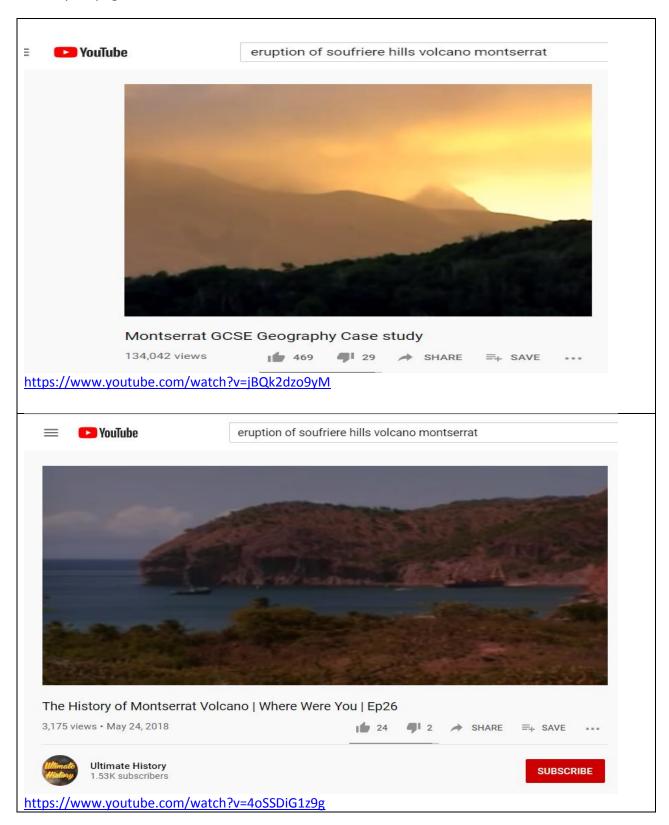
Montserrat is a volcanic island whose Sourfriere Hills Volcano became active in 1995. Study the Map of Montserrat shown below and note the following:

- The location of the Soufriere Hills Volcano on the South Western section of the island
- The location of the capital Plymouth
- The exclusion zone for the southern half of the island.
- The location of the new town and port at Little Bay

Map 2: Montserrat



View the following recommended YouTube documentaries as shown below and complete the activity on page 4.



## **EFFECTS OF EJECTED MATERIALS ON THE ENVIRONMENT**

Complete the grid below by doing the following:

- Identify the main materials ejected by the Soufriere Hills Volcano.
- Describe the nature of the ejected materials
- Explain the effect of the ejected materials on the physical environment, people and their property.
- Suggest one strategy that the government of Montserrat can take to encourage tourist to visit the country.

Ejected Materials		Effect on People and their Property
Tourism Strategy		
	Soufriere Hills Volcano	
	Effect on the Physical Environment	