

MEMORANDUM: GRADE 7 SOCIAL SCIENCES

Topic 3 Earthquakes

Activity 3 - will be marked/assessed when we are back at school

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1. Along the Ring of Fire
 - 1.1. Plate boundaries, specifically subduction zones, are found around the Pacific Ocean rim.
 - 1.2. When tectonic plates grind past each other and snap, the one crustal plate can subside or rise above the other.
2. Yes. Haiti is located along the Caribbean plate boundary
 - 2.1. Transform
 - 2.2. They grind past each other in opposite directions

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Case Study- Earthquake in Haiti 2010

1. Haiti is a poor developing country. Less than half of all children attend school. Haiti needs loans
2. Effects of the earthquake:
 - 2.1 People lost family members and friends- 230 000 in total. Many were left unemployed and homeless- at least 3 million
 - 2.2. Women lost their livelihoods
 - 2.3. Children live in squalor and have little hope of a good education; many are orphans
 - 2.4 The damage to transport, electrical networks, and buildings was serious – near total collapse
 - 2.5. 30 000 commercial buildings collapsed – people were left unemployed. Repairs and loss of jobs will hit the economy hard.
3. Relief (help)
 - 3.1. Tabulated assistance

Political/Special	Social	Financial	Physical	Humanitarian
Armed forces to help with security	Rescue teams	World Bank waived country's debt repayment for 5 years	Heavy lifting machinery	The adoption of orphans
	Hospital and telephone services	Italy wrote off debts	Infrastructural support	

		Pledges by several countries	Water, food	
		Some raised money		

3.2. People trapped under collapsed buildings. Infrastructural damage was extensive. Damage to necessary facilities (hospitals) hampered efforts. The breakout of looting and violence delayed aid distribution

3.3. Food and water were in short supply, places of work and homes destroyed. Infrastructure collapsed; the country does not have money to recover.

4. How impacts could have been reduced;

4.1. Focus on improved construction standards, providing incentives for well-planned infrastructure and preferred locations; and applied punishment measures for poor construction methods/standards.

4.2. Execute a proper disaster management plan

5. Newspaper report to be factual yet highlight the plight of the Hattian people