

Province of the

EASTERN CAPE

EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET**

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| --- | --- | --- | --- | --- | --- |
| **SUBJECT** | **GEOGRAPHY** | **GRADE** | **10** | **DATE** | **6/07/20** |
| **TOPIC** | **VOLCANOES** | **TERM 2**  **REVISION** | **√√** | **TERM 2 CONTENT** | **√√** |

**QUESTION 1**

1.1.1 An active volcano is a volcano that erupts regularly, for example once

for every 20 years.  (Concept) (1 x 1) (1)

1.1.2 Lava refers to liquid material that flows on the surface of earth. 

Magma refers to liquid material in the earth.  (2 x 1) (2)

* + 1. Volcanic ash can cover buildings and smother vegetation. 

People can become ill because of breathing in ash.  (Any 1 x 2) (2)

1.1.4 Ash from volcanic eruption can block pilot’s view which make flying more difficult. 

Ash from volcanic eruption is dangerous to aircraft engines. 

(Any 1 x 2) (2)

* + 1. **Negative effects of volcano**

Lava flows burn and bury vegetation and buildings 

Earth movements associated with a volcano can set off mudslides 

Harden lava can injure or kill people 

**Positive effects of volcano**

Volcano ash can act as a fertiliser for soil 

Volcanic regions such as Hawaii become tourist attractions 

Underground water in volcanic regions is hot enough to use for heating systems and electricity generation  (Any 4 x 2) (8)

**[15]**