



## Stage 4 (Year 7 & 8) Geography Task 2 Notification

<b>Course:</b> Stage 4 Geography	<b>Date issued:</b> Term 2 Week 5 2020
<b>Weighting:</b> 25%	<b>Date due:</b> Term 2 week 9 2020
<b>Marks:</b> 25	<b>Date:</b> <b>Thursday 25<sup>th</sup> June 2020</b>
<b>Topic:</b> Landscapes and Landforms: Geomorphic Hazard	<b>Task number:</b> 2

### Outcomes assessed

- GE4-1 locates and describes the diverse features and characteristics of a range of places and environments
- GE4-2 describes processes and influences that form and transform places and environments
- GE4-7 acquires and processes geographical information by selecting and using geographical tools for inquiry
- GE4-8 communicates geographical information using a variety of strategies

### Task Description

#### **TASK: Investigative Research Report**

You are a journalist, who has been asked to write an investigative visual report on **ONE** type of geomorphic hazard that affects landscapes and landforms.

**For your investigation and report, choose from one of the following destinations which have experienced a geomorphic hazard:**

- **Earthquakes** e.g. Christchurch and Japan earthquakes (2011), Nepal (2015)
- **Volcanic Eruptions** e.g. Eyjafjallajokull (2010), Mount Etna (2017), Mount Agung (2019)
- **Landslides** e.g. Thredbo (1997), Bondo (2017)
- **Tsunamis** e.g. Sumatra (2004), North Pacific Coast, Japan (2011)

**The following are elements you must address in your report:**

1. **Outline** ONE geomorphic hazard, **explain** the geomorphic processes involved and the effects on the environment

**Select ONE example of a geomorphic hazard in a particular destination:**

- a) Identify and describe where the geomorphic hazard has occurred in the past or is occurring now, and label it on a world map
- b) Examine the responses of individuals, groups and government to the impact of a geomorphic disaster
- c) Discuss the management strategies to reduce the future impact of geomorphic hazards, including the role of technology in monitoring and predicting events.



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Your report must be a minimum of 500 words and a maximum of 800 words

Your report needs to:

- include a variety of visual aids, such as
- maps,
- statistics,
- tables,
- graphs,
- Diagrams and/or pictures to demonstrate issues.

Each source **MUST** have a description of what it shows, i.e. caption, legend, titles, etc.

Reference each source of information in your report in a bibliography listing the references you have used. (A guide on how to write a bibliography is attached below).

## Preparation

Complete quality research.

Use the following websites as a starting point for your research:

- Earthquakes - <https://geology.com/earthquakes/>
- Volcanic Eruptions – <https://geology.com/volcanoes/>
- Landslides - <https://geology.com/usgs/landslides/>
- Tsunamis - <https://geology.com/articles/tsunami-geology.shtml>

## ABSENCE/MISADVENTURE INSTRUCTIONS

If you are absent from school on the day the task is to be completed you are required, on your return to school, to obtain an absent/misadventure form from the faculty Head Teacher, complete the form and attach any documentation and submit the form together with the assessment task to the subject Head Teacher. NB: Computer, USB or printer problems are not an accepted reason for non-submission of task. Note: If a student is absent for an assessment task or fails to submit a task when it is due, then a medical certificate or other acceptable explanation must be presented on the first day the student returns to school or a zero mark is awarded

## ALL MY OWN WORK/BIBLIOGRAPHY

Students must reference any used sources with a bibliography and not plagiarise (copy/paste) the work of others.



## Landscapes and Landforms – Assessment

### Task Scaffold Worksheet

<p><b>QUESTION 1</b></p> <ul style="list-style-type: none"><li>• What are the geomorphic processes involved? e.g. volcanoes, earthquakes, compression, tension, weathering, erosion, deposition.</li><li>• What are the natural environmental impacts of the hazard?</li><li>• How does the environment change after the hazard?</li><li>• Are there positives and negatives?</li></ul>	
<p><b>QUESTION 2 a.</b></p> <ul style="list-style-type: none"><li>• Where is the geomorphic hazard located?</li><li>• Does it occur in only certain places?</li><li>• Show these on a map and describe what the map shows.</li></ul>	
<p><b>QUESTION 2 b.</b></p> <ul style="list-style-type: none"><li>• How do individuals and groups respond to a hazard? E.g. stay and protect, flee to safety</li><li>• What is the government's role?</li><li>• Do any of the above provide relief or assistance?</li></ul>	
<p><b>QUESTION 2 c.</b></p> <ul style="list-style-type: none"><li>• What are the management strategies to reduce the future impact the hazard – who is using them and how do they work?</li><li>• How is technology being used to monitor and predict events?</li></ul>	
<p><b>SKILLS, TOOLS AND RESEARCH</b></p> <ul style="list-style-type: none"><li>• What types of maps, statistics, tables, graphs, diagrams and/or pictures to explain the nature of the hazard have you used?</li><li>• Have you captioned and described what each source shows?</li><li>• Have you completed a wide research using authoritative sources e.g. government or university studies and reports/websites?</li></ul>	



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## Landscapes and Landforms – Assessment Task Marking Criteria

OUTCOMES	A	B	C	D	E
GE4-1 locates and describes the diverse features and characteristics of a range of places and environments	<p>Uses a detailed map to support a thorough location statement, describing in detail the hazard's location.</p> <p>Writes using highly detailed descriptions in a logical and cohesive response.</p>	<p>Uses a detailed map to locate a hazard in more than one location, giving a full description.</p> <p>Writes using highly detailed descriptions of the hazard.</p>	<p>Uses a map to clearly locate a hazard or group of hazards and describes their location.</p> <p>Provides a sound description of the hazard using key details.</p>	<p>Includes a map with at least one hazard identified. May be unclear.</p> <p>Has a basic description of the hazard which may not cover all key information.</p>	<p>May not include a map or one that demonstrates clear or appropriate information.</p> <p>Has a limited description of the hazard with few key details covered.</p>
GE4-2 describes processes and influences that form and transform places and environments	<p>Analyses all relevant processes involved in causing the hazard and explains the initial and ongoing impacts.</p> <p>Examines in outstanding detail the response and management strategies from different groups.</p>	<p>Explains all relevant processes involved in causing the hazards and identifies several initial impacts.</p> <p>Examines in strong detail the responses of different groups and management strategies.</p>	<p>Explains the processes involved in the hazard including causes and impacts.</p> <p>Examines in a general way the responses of different groups and management strategies to reduce future impacts.</p>	<p>Describes the processes of the hazard and may only cover the causes or impacts.</p> <p>Has a general outline of responses of different groups and one or more management strategies.</p>	<p>Outlines a process of the hazard in a very general way.</p> <p>May only cover responses from one group or one management strategy.</p> <p>Response needs more detail to improve.</p>
GE4-7 acquires and processes geographical information by selecting and using geographical tools for inquiry	<p>Demonstrates outstanding research skills by using a wide range of authoritative sources integrated throughout the report.</p> <p>Accurate and detailed bibliography.</p>	<p>Demonstrates thorough research skills with authoritative sources of information used throughout the report.</p> <p>Highly detailed bibliography</p>	<p>Demonstrates appropriate research skills with authoritative sources of information used.</p> <p>Includes a clear bibliography.</p>	<p>Demonstrates research which may not include reliable sources or few sources used.</p> <p>Includes a simple bibliography.</p>	<p>Limited reliable information or sources used in research. Work may be plagiarised.</p> <p>No bibliography is included with the task.</p>
GE4-8 communicates geographical information using a variety of strategies	<p>Writes in a clear, formal and informative voice that is entirely in the student's own words and a comprehensive list of topic terms.</p> <p>Includes a diverse range of sources with descriptions throughout the report.</p>	<p>Writes in a clear, formal and informative voice that is in the student's own words and includes a range of topic terms.</p> <p>Includes a diverse range of geographic sources with descriptions.</p>	<p>Writes in a clear voice using formal and informative language.</p> <p>Includes some diverse geographic source e.g. maps, graphs and diagrams with description.</p>	<p>Writes using informative language.</p> <p>Includes some geographic sources e.g. maps, graphs or diagrams but may not use a description of each one.</p>	<p>Language is simple and uses no complex or topic words.</p> <p>Sources may not be used or do not have descriptions to connect to the text/report.</p>