

Level 5/6 Homework Term 3 Week 6 2017

Assigned: Friday 18th August 2017

Due: Thursday 24th August 2017

Reading

Home reading: The Premier's Reading Challenge finishes in **September** so you should be reading up a storm to complete your quota of books! Continue to complete **at least 20 minutes of reading every day**. Keep your book in your bag so that you can read it when you get time in class, or have another book at school to read. Remember to keep a record of the books you have been reading this year in the back of your homework book.

Annotating

During Readers Workshops we have been refining our annotation skills. Annotating is a great way to have a conversation with the texts and make our thinking visible. Read and annotate the information text on volcanoes. Remember to include a key that explains your annotation marks and notes.

When you have finished annotating please answer the following questions in your homework book.

1. The majority of the world's most active volcanoes are found in which country?
2. Explain why the eruption of Mount Vesuvius was such a devastating event
3. Which text is most useful in helping you explain question 2. Explain why.
4. What makes stratovolcanoes so deadly?
5. Which volcanoes erupted in 2014?

Note Taking

During writing sessions we have been doing double duty: building our schema about tectonics and developing our note taking skills. If you have access to the internet at home please watch the following video on earthquakes.

Earthquake Science and the Disaster that created it. <https://www.youtube.com/watch?v=XOCxNVDiOnE&t=171s>

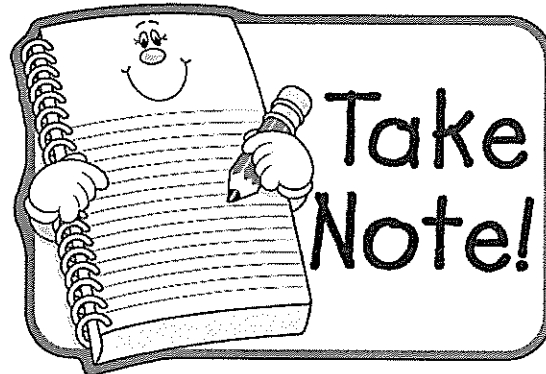
Take notes as you watch. Remember to:

Include a title so you know what your notes are about

Identify the important information and differentiate it from the interesting facts

Keep your notes neat and organised

Include a key if you use shorthand, abbreviations or symbols



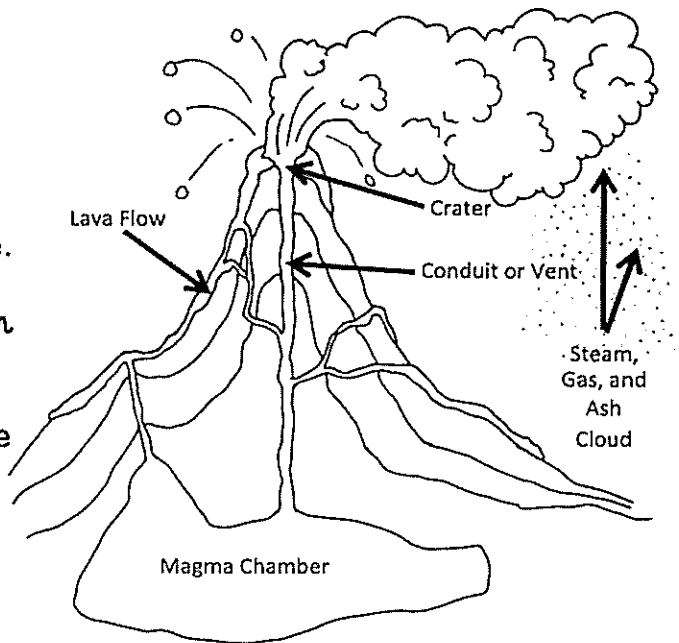
1

Mount Vesuvius, a stratovolcano off the west coast of Italy, is among the most dangerous in the world. On August 24, 79 A.D., the city of Pompeii was completely destroyed. The eruption lasted around 24 hours. Pompeii was rapidly covered with layers of volcanic matter, including rock, ash, and a toxic gas cloud. Approximately 16,000 people were buried alive. In 1748, the buried city was discovered and allowed historians to see what life was like long ago. The volcanic ash preserved many bodies, buildings, and objects from that time period. Volcanologists believe that another big eruption from this volcano will happen soon and will be extremely hazardous to the people living in nearby areas.

Source: mtvesuvius.org

2

This volcano is a stratovolcano, otherwise known as a composite volcano. They have steep sides and are cone shaped. They can rise 8,000 feet above the base. Pyroclastic flows create fast streams of lava down the vertical slopes. They have the most deadly and dangerous explosions due to the gas, rock, and lava ejected from deep within the volcano's magma chamber.



Source: 5th Grade Science Textbook

3

Volcano	Location	Last Eruption
Yellowstone	USA	640,000 years ago
Mt. Vesuvius	Italy	1944
Popocatepetl	Mexico	Ongoing
Sakurajima	Japan	2014
Galeras	Colombia	January 3, 2010
Mt. Merapi	Indonesia	November 30, 2010
Mt. Nyiragongo	Democratic Republic of Congo	2011
Ulawun	Papua New Guinea	2007
Taal Volcano	Philippines	1977
Mauna Loa	Hawaii (USA)	1984
Mt. Fuji	Japan	December 16, 1707
Santa Maria	Guatemala	2006
Sangay	Ecuador	2007
Stromboli	Italy	2014
Mt. Etna	Italy	May 16, 2015
Mt. Yasur	Vanuatu	2008

Source: Almanac