Documentary

<u>Volcanoes and Earthquakes – Inside the Volcano</u>

N	ame: Answer Key Class: Date:
1.	The three layers of the Earth are the core, <u>Mantle</u> , and
-	<u>Crust</u> .
2.	Islands form when magma erupts under the ocean floor. These volcanoes are
	called Hot 5 pot volcano. An example of this is
	Hawaiin Islands
3.	When the Earth's plates move apart, magma rises in between the plates.
	These volcanoes are called Ocean ridge These cause long
	ridges.
4.	The volcanoes of Indonesia are examples of Island Arc Volcanoes. They form
	a <u>Chab</u> of volcanoes.
5.	There are different types of eruptions:
	a. Gentle flowing: <u>Hawaiin</u> .
	b. Lava flying into the air: Strombollan.
	c. Release of gas and ash: Volcanian
y	d. Loud burst of ash, gas and rocks: <u>Ptaia</u> ு. பாகம் சாக்க்கர் கண்ட
6.	The soft white rocks that come out of volcanoes are called punice.

- 7. How did the eruption in Santorini have an impact on the Minoans and culture?
 - . The eruption of Théra caused fost flowing ash and pumice to be thrown out at 100 m/hr in a "pyroclastic flow".
 - , The peaceful Minoons (farmers) thought that they had done something wrong
 - . Their fields and the waterways were all covered / blocked by pumple so they couldn't grow or trade.
 . Over 50 years, they eventually dissapeared.
- 8. Why are legends and myths still important to science today?
 - · Vulcan a god who lived in volcanoes - he made loud bangs that caused eruptions
 - . Many legends discuss giants who lived under the surface and fought, causing volcanic eruptions and earthquakes
 - Plinian & recorded his observations about the Mt. Vesuvius eruption
 this gave evidence to begin volcanology
 the study of volcanoes
- · Pelé-goddess of fire/volcanoes
 brought her sister with her (she regenerated)

 [1fe]
 - · Legends and myths gave us a starting point for Scientific research. Early observations provided a base for theories.

adigency on agreement of the entrinoperation of the second of the first harmonic in the contract of the contract of