ICM INSAN CENDEKIA MADANI	**Chapter 10:** Volcanoes, Earthquakes	Name : Grade : Subject : Science Date :			
Sequence of Teaching		Marks	Score	Teacher Signature	Parent Signature
✓ Independent Practice ☐ Assessment		**19**			

1. What is the Earth's crust is made up of? Circle the correct answer.

mantle

tectonic plates

volcanoes

[1]

2. Read the sentences about volcanoes below.
   Which of the sentences are correct?
   Tick (√) the correct box beside each sentence.

	True	**False**
A volcano is an opening on the surface of the Earth.	☐	☐
All volcanoes are of the same size and shape.	☐	☐
Lava is hot liquid rock that comes out of a volcano.	☐	☐

[3]

3. Complete the sentence. **Choose** from the following words.

eruption **movement** **slow** **sudden** **violent**

An earthquake is the _____ and _____ shaking of the ground.
This is caused by the _____ of the tectonic plates.

[3]

4. Kim is researching how a volcanic eruption occurs.
   What happens to magma during a volcanic eruption?

.....

.....

[1]

LIVEWORKSHEETS

5. An earthquake occurs when the tectonic plates move.

   What are the different ways that the tectonic plates can move?

   .....

   .....

   .....

   [3]

6. Volcanoes are found at breaks in the Earth's crust.

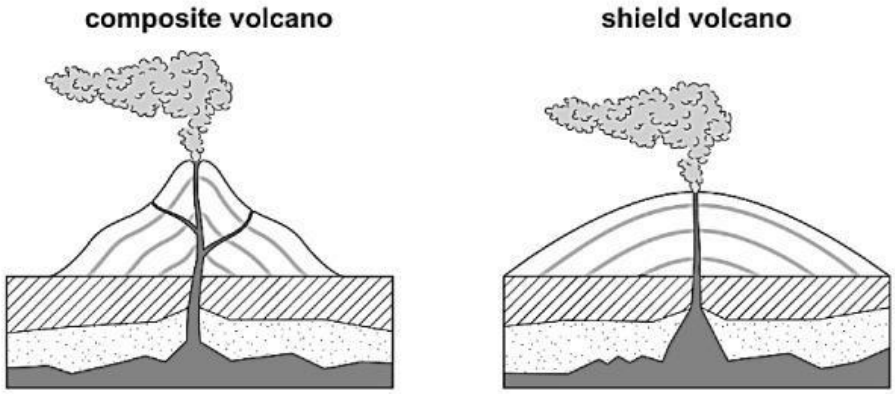
   What word describes the sudden movement of the Earth's crust?

   .....

   [1]

7. Composite and shield are two main types of volcano.

   Oliver draws models to show the features of these volcanoes.



   (a) Draw the letter E on the shield volcano to show where the lava erupts. [1]

   (b) Describe where volcanoes are found.

   .....

   .....

   [1]

   (c) Write down **one thing** that is the same in both types of volcano.

   .....

   [1]

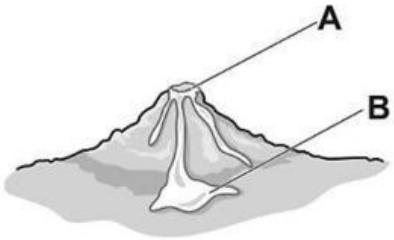
   (d) Write down **one way** the **composite volcano is different from the shield volcano**.

   .....

   [1]

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When Lily adds the vinegar to the baking soda, the **mixture bubbles out of the bottle** and flows down the sides of the model volcano.



(a) What does **A** in the model volcano represent in a real volcano?

Circle the correct answer.

ash **crater** **crust** **gas** **mantle**

[1]

(b) What does **B** in the model volcano represent in a real volcano?

Circle the correct answer.

Lava **magma** **rock** **vent** **water**

[1]

(c) Lily says,

'A chemical reaction has happened.'

Explain why Lily is correct.

.....

.....

[1]

Teacher Feedback	Parent Comment

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