MADE WITH LITTLE STORYBOOK

The Mountain That Burps Fire

Visual lesson



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The Quiet Mountain

Picture a quiet mountain, sitting still for a hundred years. Then one morning the ground trembles, and a glowing orange river bursts out the top. You've probably wondered: where does all that fire-rock come from, and why now? Let's go down, deep under the mountain, to find out.





Deep Underground

Let's go down, deeper than ten stacked skyscrapers. It's so hot here that rock melts into thick, gloopy magma — like glowing-hot honey made of stone. Aha: deep inside Earth, rock gets hot enough to melt!

TALK ABOUT IT

Find the melted rock hiding underground.

The Rising Squeeze

Magma is lighter than the rock around it, so it slowly pushes upward looking for a crack — like bubbles racing to the top of a fizzy drink. It's full of trapped gas too. What do you think happens when that gas suddenly gets room to expand?

> **TALK ABOUT IT**
> What will the lighter magma do?





Out Comes the Lava

The gas explodes outward and shoves the magma up with a roar! Once it pours out we call it lava — hotter than 1,000 degrees, about ten times hotter than your oven. And when it cools, it hardens into brand-new rock, building new land like the islands of Hawaii.

TALK ABOUT IT

Find the brand-new land the volcano built.

No Campfire Inside

Some people think a volcano is burning wood, like a campfire — but there's no fire down there. It's melted rock and squeezed gas, glowing because it's so hot. Heat melts the rock, lighter magma rises, and trapped gas pushes it out!



Check your wonder

1 **Why does rock deep inside Earth turn into runny magma?**

- **A.** It is very hot down there
- **B.** It is very cold down there
- **C.** Wood is burning down there

2 **What pushes the melted rock up and out of the volcano?**

- **A.** Trapped gas
- **B.** Falling rain

3 **What happens after lava cools down?**

- **A.** It hardens into brand-new rock and land
- **B.** It turns into water
- **C.** It disappears

ANSWERS 1-A 2-A 3-A

1. Yes! Deep inside Earth, rock gets hot enough to melt. 2. Right! Trapped gas expands and shoves the magma up with a roar. 3. Exactly! Cooled lava builds new land, like the islands of Hawaii.

THE END

Visual lesson



Put your child in this story

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