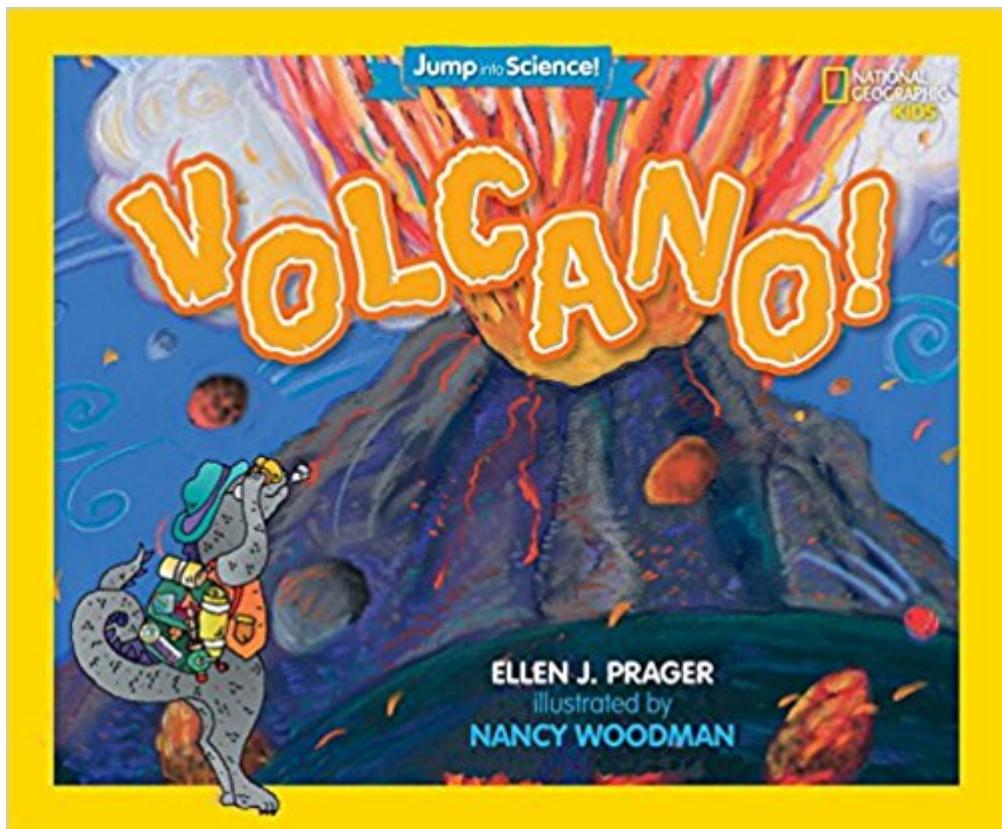


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# Jump Into Science: Volcano!



## **Synopsis**

How do volcanoes erupt? What is lava and what happens when it cools? Where are the world's biggest volcanoes? Just stay cool and let Volcano Vulcan, Dragon Explorer, take you around the hotspots! National Geographic supports K-12 educators with ELA Common Core Resources. Visit [www.natgeoed.org/commoncore](http://www.natgeoed.org/commoncore) for more information.

## **Book Information**

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Age Range: 4 - 8 years

Grade Level: Preschool - 3

## **Customer Reviews**

Ellen J. Prager writes on geology and marine-related topics for children and adults, and is the assistant dean at the Rosenstiel School of Marine and Atmospheric Science at the University of Miami. She's the author of The Furious Earth: The Science and Nature of Earthquakes, Volcanoes, and Tsunamis, as well as several of National Geographic's Jump into Science books. Nancy Woodman is a children's book author and illustrator. She has worked on Sea-Fari Deep and the Jump into Science books Dirt, Volcano!, and Sand, a Parents' Choice winner for 2001. Woodman is also the cocreator of Worm Vue Wonders, an educational product about the role of earthworms in soil. She lives in Poulsbo, Washington. To learn more, visit [nanneroo.com](http://nanneroo.com).

The item arrived on time and the instruction booklet and full colored mini book about volcanos was nicely done. We bought this kit for our three year old son who wanted a volcano for Christmas. Yeah he is about 1/2 of the age suggested on the box but he was thrilled and all into it. When I read the book to him I had to summarize don't of the terminalig for him so he got everything. He was all into painting it and couldn't wait to try it out. He stood there while it bubbled over and talked about the lava. We also tried baking soda and vinegar while we're we're at it. He still looks at the plaster mountain as his volcano. Oh there are three rocks that are included as examples of cooled lava. The arrow head lasted about thirty seconds before it hit the ground and cracked in half.... Bummer. I tried that I could to set it and glue it back together. It looks like it will stay. Overall this is a good product for the inquiringb little minds.

This was not worth the money. The mold didn't hold the plaster. The plaster leaked all over the place. I managed to find a disposable cup to use as the mold so that was....ok. The paints included only had reds and oranges. No browns, gray or black to make it look like a volcano. Luckily, I already had the needed colors at home. Then the powders to make the eruption were very meh. They barely made it bubble over even after adding the recommended dish soap. My kids were really bummed that this didn't work so well.

So here's the thing: National Geographic is an institution and a highly respected one at that. I chose this volcano kit over others simply because of its name and brand recognition. The product deserves a solid 4 stars for the informational book, plaster, the volcanic rocks, and the eruption lava kits alone. The missing 5th star is because of the volcano itself. The volcano mold is tiny. From crater to base it's about 4 inches tall. The volcano crater depth is maybe an inch deep. If you're expecting a massive explosion to come out of this tiny thing, you're in for disappointment. But if you're looking to teach about the fundamentals of volcanic activity and eruptions, then this is your kit. I liked it so much I bought a second kit.

My daughter loved it it worked nicely and you can have it erupt more than once I would definitely add a little dish soap in first because without it it just sort of fizzes but the soap makes it bubble over we used enough to just cover the bottom of the hole (which is just a few drops) then 1 teaspoon of both of the packets.... the kit we received didn't have directions as far as making it irrupt it just says combined both so I had to YouTube it to find out exactly what we were doing that's why i took a star

away other than that the geode was nice about the size of a silver dollar and the arrow head was really nice

I love the concept of making your own volcano and painting it, but it was very disappointing. Small bubbling at the top and barely went onto the volcano. After the first time using it we ended up discarding it because it was a mess (we tried various things to make it "explode"!). I would rather use already made volcano mold with vinegar and baking soda.

This is extremely cheap and not worth it. The plastic mold is completely inadequate, a real disappointment. The instructions call for 3/4 cup of water with 1/4 to mix in as needed. You really need about 2 to 3 cups of water as the plaster sets very quickly and the thin plastic mold cannot take the pressure of forcing plaster down the hole. I would not buy this.

My kid wanted to build a volcano and this was a great kit for as inexpensive as it was. He is 9 years old and did all the plaster casting himself. After the plaster set we realized the eruption chamber was forgotten. So I had to use a 1 1/8" hole bit to drill out the top. Worked like a charm and after he slapped some coats of paint on we were making volcanic eruptions. All in all I was very pleased with this purchase. Directions were clear, parts were all there, and the end result was a solid product. It comes with 3 rocks as an added bonus. They aren't really functional to the kit as far as I could tell. Just something extra.

This was a super cool set. My daughter enjoyed making her own volcano and making it erupt! The plaster volcano is great, this way when we run out of supplies from the kit we can still just do good old fashioned baking soda and vinegar trick!

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