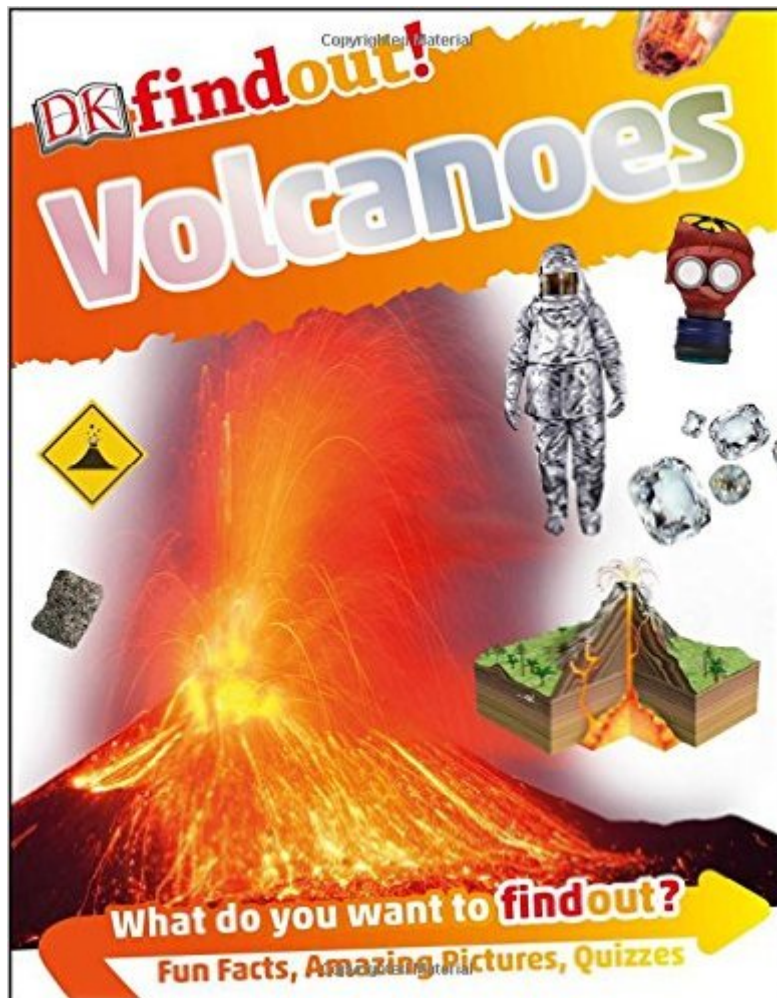


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# DK Findout! Volcanoes



## Synopsis

From the creators of DK findout!, the free online resource for kids, comes an exciting new book series full of amazing images, incredible quizzes, and cutting-edge information kids need to know. The DK findout! series helps kids become experts on their favorite subjectsâ "from dinosaurs to space. Learning doesn't get more fun. Explore the explosive world of volcanoes in DK findout! Volcanoes. Discover which volcano is the biggest, what kind of lava is the stickiest, and how a volcano forms. Visit the Ring of Fire to see where over 400 volcanoes are and just how often they erupt. See how tectonic plates affect volcanoes and cause earthquakes, and see volcanic rocks up close. Learn how hot lava gets, find out exactly what a caldera is, and explore the volcanoes in space with DK findout! Volcanoes. Pull out the special cover flaps to see extra information about volcanoes and take a quiz about everything in the book. Filled with amazing images and quirky, exciting facts, DK findout! Volcanoes is an explosively good time for young volcanologists. Learn more about volcanoesâ "or anything else!â "at [www.dkfindout.com](http://www.dkfindout.com), a free educational website for kids to have fun with information and to expand their knowledge.

## Book Information

Series: DK Find Out!

Paperback: 64 pages

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ISBN-10: 146545425X

ISBN-13: 978-1465454256

Product Dimensions: 7.4 x 0.3 x 9.5 inches

Shipping Weight: 0.6 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #783,105 in Books (See Top 100 in Books) #82 inÂ Books > Children's Books > Education & Reference > Science Studies > Nature > Earthquakes & Volcanoes #9228 inÂ Books > Children's Books > Science, Nature & How It Works

Age Range: 6 - 9 years

Grade Level: 1 - 4

## Customer Reviews

View larger    Volcanic Lightning    Flashes of lightning during thunderstorms, or electrical storms, are a familiar sight. Lightning can also happen during volcanic eruptions. Scientists do not fully

understand what causes volcanic lightning. They think it is due to tiny particles in the ash cloud rubbing together and becoming electrically charged.

[View larger](#)    [A World Without Volcanoes. . .](#)    What would a world without volcanoes be like? The answer is truly mind-blowing! In addition to spewing out burning-hot lava, volcanoes have played a key role in building the world we live in.

[Icelandic Ash](#)    In 2010, a volcano in Iceland called Eyjafjallajökull belched thousands of tons of ash into the sky. The ash rose to a great height, before spreading across a huge area, including most of Europe. Thousands of airplane flights were canceled, with many companies losing millions of dollars.    [View larger](#)

[View larger](#)                      [View larger](#)                      [View larger](#)                      [Inside the Earth](#)    The Earth has several layers. Its outer layer, called the crust, floats on a layer of hot rock called the mantle. This thick layer is split into the semi-solid upper mantle and the solid lower mantle. At the Earth's center is its metal core, made of an outer liquid layer and inner solid ball. Volcanoes appear when melted rock in the mantle breaks through the Earth's crust.    [Whiffy Wonders](#)    When water and magma meet underground, they create interesting natural features called mud pots, geysers, and fumaroles. Mud pots bubble and splutter, geysers spurt jets of boiling water, and fumaroles release hissing steam and gases. And they are all very smelly!    [Tools of the Trade](#)    What do volcanologists wear and take with them when they hike up erupting volcanoes, walk over fiery volcanic rocks, or peer into bubbling lakes of lava? Find out about the equipment they need when working in the danger zone.

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