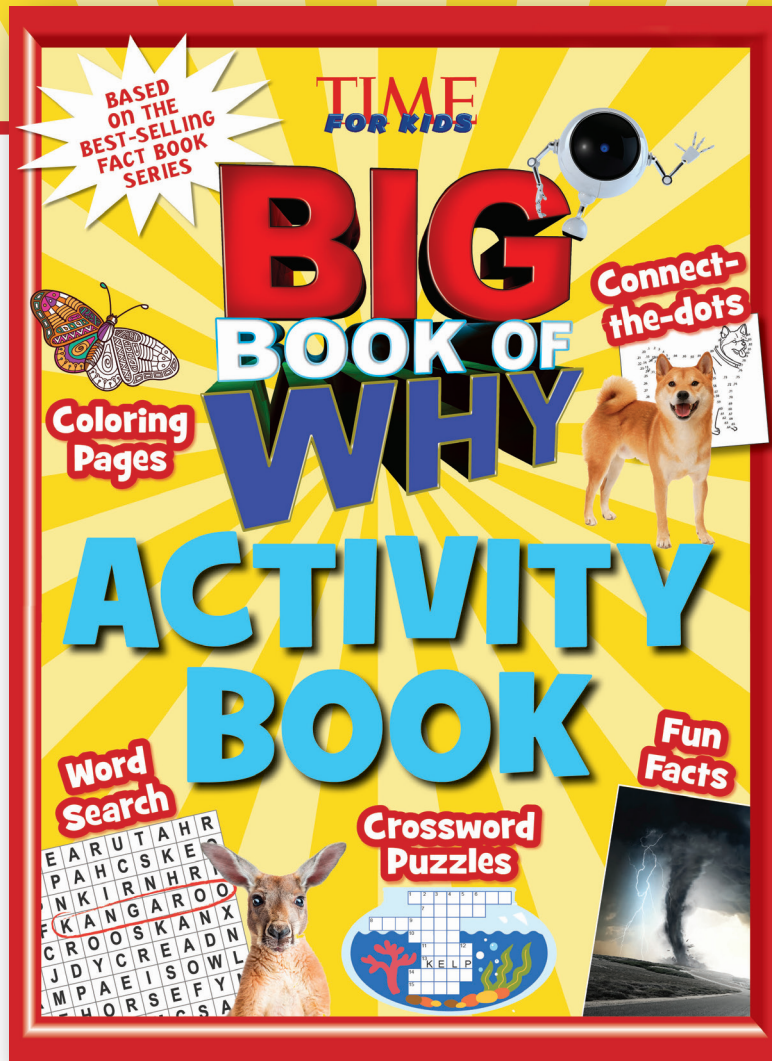


HOURS OF FUN AWAIT!



ISBN 978-1-68330-757-0 Paperback



Hidden pictures, connect-the-dots, mazes, trivia, crosswords, and funny fill-ins are just some of the engrossing activities readers will find in this full-color game book jam-packed with more than 300 photographs and illustrations based on the bestselling *TIME For Kids Big Book of Why*.

Each page in *TIME For Kids Big Book of Why Activity Book* answers big questions about how the world works. The activities are fun, challenging, and full of information about the following subjects:

Animals
Earth
Space

Humans
Around the World
History

Science
Technology
Sports

Try a few of the sample activities that follow!

Why do ants live in large colonies?

An ant colony can be home to hundreds of thousands of ants. Most ants have a job to do, such as guarding the nest, tending to the young, or gathering food. There is only one queen. Living and working together increases the ants' chances of survival.

Did you know?

Formica ants use twigs to build massive domes over their underground nests. The dome can reach nearly five feet tall.



Formica ant hill

Get this ant to bed!

Help this ant find its way to a good night's sleep after a hard day's work.



Why do volcanoes erupt?



Look at the picture next to the blanks to figure out what words belong there.
Fill in all the blanks to read about volcanic eruptions.

Imagine a  _ _ _ _ d _ _ _ _ . Shake it, and  g _ _ _ and pressure

build up inside. Open the top and—bam!—an  p l _ _ _ _

occurs.  _ _ _ l _ _ _ n _ _ _ work the same way. The  h _ _ _ _

deep inside  _ _ _ r _ _ _ is so intense that it melts  o _ _ _

and creates explosive  g _ _ _ _ s . Scientists call that molten rock

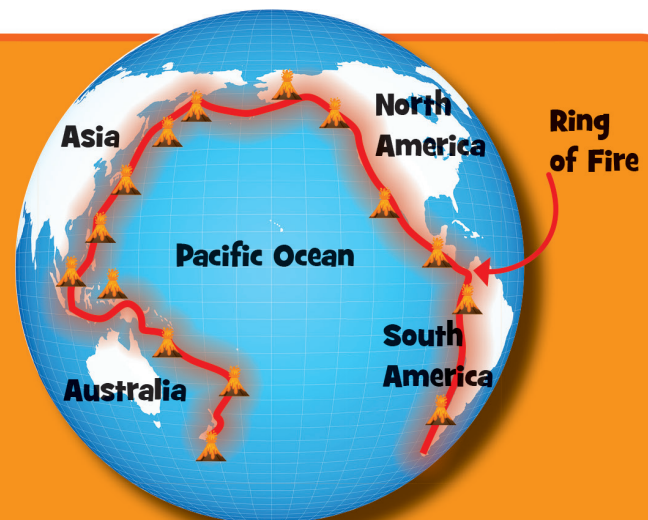
magma. Magma slowly rises to the surface, collecting in underground chambers.

Eventually, the pressure of the magma becomes so great that it pushes through


Earth's  _ _ _ u _ _ _ . Soon a  _ _ _ l _ _ _ _ is blowing its top.

By the Numbers

There are more than 1,500 active volcanoes on Earth. More than 75 percent are located in the Ring of Fire, along the edges of the Pacific Ocean.



Why are some bacteria good for you?

It's true that some bacteria can make you sick. But other types help  keep you alive. Some of those "good" bacteria work inside your body to help you digest food. Other types live on your skin and in your mouth, and protect you against the bad bacteria that can make you sick.



Grossest WORD SEARCH Ever

Search up, down, diagonal, backward, and forward and circle the hidden words.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q | U | I | C | L | G | R | U | S | T | M | V | E |
| A | P | R | O | B | I | O | T | I | C | O | U | E |
| N | E | A | N | S | A | L | U | P | E | T | X | N |
| T | M | E | V | T | H | C | A | N | T | H | R | U |
| I | R | I | N | F | E | C | T | I | O | N | O | M |
| S | P | O | C | V | E | N | T | E | U | R | A | M |
| E | S | D | L | Y | I | E | F | J | R | S | P | I |
| P | S | O | A | P | K | R | M | Y | K | I | X | D |
| T | Y | C | K | Z | G | P | U | S | F | E | A | E |
| I | R | T | E | S | N | G | C | S | U | C | Z | F |
| C | F | O | J | R | Y | U | U | J | P | Z | A | N |
| T | S | R | F | P | G | E | S | F | S | Y | T | S |
| E | C | I | T | O | I | B | I | T | N | A | H | E |
| F | A | N | T | O | P | I | S | C | E | R | V | U |

antibiotic

bacteria

immune

mucus

pus

antiseptic

doctor

infection

probiotic

soap

Why did the telegraph change the world?



dot



dash

Until the early 1830s, sending a letter was the only way to communicate over long distances. Delivery could take weeks or months. Then, in the mid-1830s, Samuel Morse invented a system that sent electric signals along wires. Using an alphabet made up of dashes and dots—Morse code—those signals could be translated into words. Morse hinted at the power of this new technology in the first message he sent on May 24, 1844.

Use the
Morse code key
to fill in the letters
and read his
message.



Be the telegraph operator

| | | | | | | | | | | | | | | | | | |
|---|-----|---|---|-----|---|---|-----|---|---|---|---|-----|---|---|---|---|---|
| — | ••• | — | — | ••• | — | — | ••• | — | — | — | — | ••• | — | — | — | — | — |
|---|-----|---|---|-----|---|---|-----|---|---|---|---|-----|---|---|---|---|---|

| | | | |
|---|---------|---|---------|
| A | • — | N | — • |
| B | — • • • | O | — — — |
| C | — • — • | P | • — — • |
| D | — • • | Q | — — • — |
| E | • | R | • — • |
| F | • • — • | S | • • • |
| G | — — • | T | — |
| H | • • • • | U | • • — |
| I | • • | V | • • • — |
| J | • — — — | W | • — — |
| K | — • — | X | — • • — |
| L | • — • • | Y | — • — — |
| M | — — | Z | — — • • |

Full stop (period) . • — • — • —

Question mark ? • • — — • •

Did you know?

Alexander Graham Bell hoped to build a better telegraph machine that used sound instead of dots and dashes. He finally succeeded by inventing the telephone in 1876.

