

SUPPLIES

* 2 cans of soda

PROJECT!

LAVA GAS!

Lava has gas trapped in it. How does it compare to the gas in soda that some people drink?

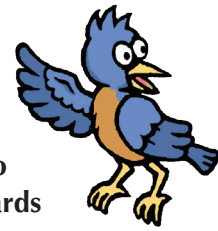
1 Open one can of soda and take a few sips.

2 Pour some of the soda into a glass and let it sit for a few hours. Taste the soda. Is the fizz different? Why do you think it tastes less fizzy?

3 Go outside, shake the second can of soda, point it away from you, and open it. What happens?

DID YOU KNOW?

In May 2018, on the island of Hawaii, the Kīlauea volcano erupted with 1 billion cubic yards of lava—enough to fill at least 320,000 Olympic-size swimming pools! The lava destroyed 716 houses, covered 30 miles of roads, and created 875 acres of new land by lava flowing into the ocean.



THINK ABOUT IT: Soda has dissolved gas in it, just like lava. When the gas has lots of time to escape from the lava as it rises to the surface, it's "flat" like the soda you let sit out—it loses its fizz. If plenty of gas is trapped in the lava and doesn't have much time to escape, it's like the soda that you've shaken. When the pressure is finally released, look out!