



Words

Special Activity

Osmo GENIUS

Earth MONTH

Visit the Special Earth Museum

Spell words and dance your way through a special museum party! Tap on each object to learn more about it.



To get started, open Osmo Words and then tap on this special button.

WIN

Special Costumes!



Spell all words to unlock a special Crown!

Genius Spotlight: Greta Thunberg



Earth has pulled off a lot so far—like supporting life, land, and sea for millions of years! But data shows that the planet’s temperature has been rising. Ice caps are melting, weather’s growing extreme, and Earth’s future is not guaranteed. No one has brought more attention to the dangers of climate change in recent years than Swedish teenager Greta Thunberg.

When she was 15 years old, Greta started sitting outside a Swedish government building with a sign that said, “School Strike for Climate.” A “strike” happens when people choose to not do something (like go to school) in order to bring attention to a larger issue. Greta did not think the Swedish government was doing enough to help

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More about: Greta Thunberg

fix climate change, so she spent her days bringing attention to it.

Not only did it get attention, it sparked a global movement! A year later, millions of people joined Greta in a Global Climate Strike, demanding governments around the world do

more to combat climate change.

Finally, Greta had hope, because even though she started the climate strike movement, she knew she could not fix the problem alone. Real progress (and a better future for Earth!) requires people to work together.

Carbon Dioxide Experiment

One reason for climate change is that more carbon dioxide (CO₂) is being produced than the planet can naturally absorb, creating a warming effect. Humans and animals exhale CO₂, but it's created in larger quantities by cars and burning fossil fuels.

To see the difference, try this:

- 1 Count how many seconds it takes to inflate a balloon with your breath. Let the balloon go.
- 2 Now, grab an empty bottle, baking soda, and vinegar.
- 3 Pour 4 oz vinegar into the bottle and 2 tablespoons baking soda into the deflated balloon.
- 4 Carefully attach the balloon to the bottle lid without letting any baking soda fall in.
- 5 Once the balloon is snugly attached, hold it up so the baking soda falls down.
- 6 Count how many seconds it takes to inflate.

See how much more quickly CO₂ was produced the second time? This is why Greta was calling on government officials and industries to decrease the carbon emissions, because they have control over the excess carbon dioxide that's contributing to global temperature increase.



Seconds for me:

Seconds for bottle:

What can I do to reduce CO₂?