



Kids Learning Lab Transcript #52

Plants & Fun Facts - \$0 Episode #KLL

- This free bonus episode episode is going to be about plants and fun facts about them.
- [A Little Powder start]
- Before we start this episode, I'm reminding you that if you sign up now for a premium subscription, you can get 25% off your first month. Offer ends February 7th. Sign up now on patreon.com/kidslearninglab. Contact us at kidslearninglab.com/contact, or at our email, hello@kidslearninglab.com.
Let's start this episode!
- [A Little Powder end]
- [Kids Learning Lab intro]
- Have you ever wondered how plants get food?
- Plants don't eat food like we do. Instead, they use sunlight to make their own food in a process called photosynthesis! Here's how it works:
- Plants need 6 molecules (small pieces) of carbon dioxide, harmful gas in the air, 6 molecules of water, and light energy to make glucose, what plants eat, and oxygen. The oxygen is released into the air, helping animals respire, or breathe.
- Chlorophyll is the green pigment in plants that helps absorb sunlight. It's also what makes leaves green!
- Let's explore some fun facts now!
- 1. Did you know that some plants can "move" to follow the sun? This is called phototropism. Sunflowers do this when they're growing!
- 2. Not all plants need soil! Air plants, or Tillandsia, can grow without soil by absorbing water and nutrients from the air.
- 3. The Amazon Rainforest is called the "lungs of the Earth" because it produces about 20% of the world's oxygen.

- 4. Some trees can live for thousands of years! The oldest known tree, called Methuselah, is over 4,800 years old!
- 5. Bamboo is one of the fastest-growing plants in the world. Some types can grow almost 3 feet in a single day!
- 6. Venus flytraps are carnivorous plants that “eat” insects. Their leaves snap shut when tiny hairs are touched!
- 7. Cacti store water in their thick stems, which is how they survive in dry deserts.
- 8. Algae, which are simple plant-like organisms, produce more than half of the oxygen we breathe!
- Hope you enjoyed those fun facts!
- [A Little Powder start]
- Thanks for listening! Remember, you can get 25% off your first month of a premium subscription if you sign up before February 7th. Don't miss out!
- The next episode is coming February 7th, when the offer for 25% off a premium subscription expires at 6 PM Pacific Time. See you next time!
- [Let A Little Powder run until it goes to the bridge, at 0:38 (YouTube Music/YouTube)]

[IMAGE -

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