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Kids Learning Lab Season 2 Episode 19

How do Volcanoes Erupt?
#KLL

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- Hello! Before we start this episode, I'd like to give a shout-out to all of you that visited the website. I just added two new games, so be sure to check them out.
- Also, you can support Kids Learning Lab on Patreon. Stick around after the end to learn about Patreon. If you don't want to stick around at the end, I'll just tell you the basics. Patreon is a subscription and donation service that lets you subscribe free or paid and give donations. If you want to know more, find out at the end. REMEMBER: Kids Learning Lab is just starting out on Patreon, so early subscribers might get bonus content.
- Patreon is at patreon.com/kidslearninglab and our website is at kidslearninglab.weebly.com.
- This episode will be all about how volcanoes erupt.
- [start]
- Part 1: What does a Volcano look like?
- A volcano is actually more complicated than you think.
- Volcano lava comes from under the Earth, from the mantle of Earth. There, there is hot lava. In some places, there are cracks in the surface where lava comes out. The shape of a volcano comes from dried lava, which piles up.
- There are sometimes cracks through the dried lava through which some lava can come through.
- As more lava comes out, the volcano grows bigger. The bigger the volcano, the older it is.
- Part 2: Dangers of Volcanoes
- The dangers of volcanoes are a lot. Volcanoes don't just have the lava danger, they also have the ash, smoke, and dried lava. The dried lava is also very hot, not as hot as the molten lava, but still very hot.
- Ash and smoke can suffocate and poison you. Like in the eruption of Pompeii, there are pyroclastic surges that can fill a city with ash. Pompeii was an Ancient Roman city that was destroyed by a volcano.
- Part 3: Pompeii

- Pompeii was an Ancient Roman city that was destroyed by a volcano called Mt. Vesuvius. A lot of people died. I myself actually visited Pompeii during the summer, and saw the ruins. It was fun to see the Italian McDonalds. Fun fact: There was fast food in Pompeii.
- Thanks for listening! I suggest you visit Pompeii. The next episode will be about Thunderstorms.
- [END EPISODE, START PATREON INFORMATION]
- Now, I'm going to talk about Patreon.
- We have six subscription tiers on Patreon.
- 1. Free Newsletter: If you go to patreon.com/kidslearninglab and click "Join for free", you can get a free newsletter every episode! It is absolutely free and the newsletter has awesome bonus content and fun facts.
- 2. Community Bundle ($1.50/month): The Community Bundle gives you access to the Fan Club, a community chat where you can talk with other listeners. You also get a five year message conversation with me, the host! You can also try out the Fan Club with a free trial of 7 days.
- 3. Kids Learning Lab BONUS ($2/month): The BONUS tier gets you a bonus episode every month! Also, you can buy bonus episodes from the Patreon Shop. You also get access to the Fan Club. In addition to that, you can try it out with a free trial.
- 4. Kids Learning Lab+ ($4/month) - Recommended Tier: Kids Learning Lab+, which I recommend, is a great tier and gives you many things. You get a shout-out video from me, the host, and you can choose a message which will be played on the podcast. Get bonus episodes every month, access to the Fan Club, and get a shout-out on the podcast! You can try it out for 7 days!
- 5. Super Learner ($6/month): Super Learner is a super package, which gets you every single thing from the Plus tier, and a yearlong conversation online with me! 7-day free trial.
- 6. Super Fan ($7.50/month): Super Fan is the highest tier. It includes everything from Super Learner, along with a 5-year conversation. It's like getting the Community Bundle with Super Learner! Get work-in-progress updates as well as behind-the-scenes videos. Choose any two items from the Shop under $10 for free! Also, this has a 7-day free trial. Remember: Patreon subscribers might get early subscriber discounts, so don't forget to subscribe early!
- See you next time on Kids Learning Lab!