

24 - Rain Cycle

Quick question: How old is the water you drink, shower in, or cook with? 4 seconds, 4 days, or 4 billion years old?

If you said 4 billion years old, you're RIGHT! That glass of water you drank today is the same water the DINOSAURS drank!

So how does the rain cycle work? How and why does it rain at all? And what would happen if it DIDN'T rain? Your kids will learn all this and more on today's new episode of *Who Smarted?*

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THE SLOW SOUND OF RAIN...ANOTHER FUN RAIN FACT....

Falling at an average speed of 14MPH from an average height of 2,500 feet -- most raindrops take around 2 minutes to go from cloud to ground. But some of the tiniest raindrops take as long as 7 minutes to make the journey down to earth

More fun activities:

In this super fun episode we meet a friendly CLOUD who tells us all about how rain works (while also making some very bad cloud jokes). Have them DRAW the cloud -- OR, they could even create a COMIC STRIP of the Cloud drifting, meeting other clouds, and of course, raining!

Talk about the rain and how many ways it makes our lives BETTER even if it stinks to be stuck inside on rainy days. What does rain make possible? Some things to start the conversation: grass, trees, fruit, wheat for bread and cake...¹

¹ This activity guide is for the *Who Smarted?* podcast www.WhoSmarted.com