Kerri’s Class on How Clouds Rain

Transcript of Video 1

Anthony: Um, um, I sort of agree, with, with her with the cloudy thingy, um, because it expands and when it expands...

Kerri: Wait, what expands? It expands? What's it?

Anthony: Clouds.

Kerri: Clouds expand?

Anthony: Yeah, 'cause, um, it's just like a rubber band. When they get too far, when it's stretched out too far, it'll break and then I think it's like that.

Kerri: So clouds will stretch out far like a rubber band?

Anthony: Yeah and then break.

Kerri: And then break. What happens when they break?

Anthony: That water will come out.

Kerri: Water comes out. So does that make sense to you guys --- what Anthony just said?

Class: Yes. No.

Kerri: Say it one more time and then look at them, this time, Anthony. Look at them this time, I got it. I know what you mean.

Anthony: Um, a rubber band when it's about this far apart, um, it will Somehow

Student: Snap.

Anthony: It will snap, like he said, um, pretend like there's a lot of water in it and it will snap, and it will come all out.

Kerri: Madeline, what's your question for him?

Madeline: Anthony, what is in, like, you know, is the clouds?
Kerri: Shhh. Wait. Yeah. She got it.

Madeline: What are you connecting it to? The rubber band and the water thing?

Kerri: What's the rubber band like?

Anthony: Um, it's like, um.

Kerri: Tell them. [points in students direction]

Anthony: It's like um, its like a miniature little cloud. Because, um.

Madeline: The cloud is a rubber band and the water comes out

Kerri: So, Anthony, what makes the cloud expand? Like a rubber band expands because we pull it, you're saying it gets more and more water it's going to expand and eventually it breaks and then it?

Anthony: Lets out water.

Kerri: Lets out water and that's when it rains?

Anthony: Yeah.

Kerri: Okay. Michelle has her hand up?

Michelle: I- I disagree because the cloud can't snap because it's not a solid. It's like a liquid.

Michelle: So, I disagree with Anthony because the cloud, 'cause the rubber band is stretchy and the cloud, it's like air and mist. So, I think he's kind of being a little bit confused.

Kerri: Could you think of a different --- he was trying to think of something that it's like, it's like a rubber band, can you think of a way that it's like? Maybe you can think of a?

Transcript of Video 2

Chanel: Um, I think what he means, is like, it's kind of like, um, you have a cup and then you fill it all the way up --- 'cause once you fill it
all the way up and if you put too much it just falls down on the
ground. I think that's what he means by clouds. 'Cause you know
when the water evaporates to the clouds, [inaudible] when it gets too
much of it, it will just drop and I think that's also like a cup 'cause you
put too much water and it drops.

Kerri: So you think that the clouds could have too much water and
then it- it, like, spills over to the side?

Chanel: Yeah, it overflows. It's over, 'cause, like, you put it all the
way to the top of the cup and it spills --- just like a cup.

Kerri: Okay. Eden?

Eden: I have, like, a sort of connection or something similar to
Anthony's idea. It's sort of like a water balloon, so it has, like, a little
tiny container that keeps all the water in. And then once it has too
much water in, it'll just break. Just like a water balloon. If you fill it
up with too much water, it'll just let out all the water.

BREAK

Jonathan: Um, there's kind of one thing I don't get, even though I
kinda started the conversation about a, um, getting overflowed, like
that? The thing I don't get, is that if it was overflowed, the rain would
actually just drop out the sides of it, kind of like a waterfall, except
that doesn't really explain the raindrops.

Blonde: I agree with Anthony because he said that the water,
Anthony, can you repeat what you said?

Anthony: About the rubber band or about the cloud? The rubber band
thing and the cloud thing is actually the same.

Blonde: The one where you said that something was.

Anthony: Yeah, that was the rubber band, it will just go like this,
because if it gets too much, it will just go like that. That would
actually be too much pressure being hold on them.

Jonathan: The cloud can't actually be pulled apart by pressure.

Anthony Yeah, but it won't actually pull like that, it goes like this,
that's how.
Jonathan: I actually think instead of a cloud actually snapping, I think the rain would actually just come out through the center of the cloud, breaking a way through.

Student: I think that's right, it falls in drops at a time.

Jonathan: That may explain my question about the rain drops.

Kerri: Alright, Michelle?

Michelle: I have a question about it, Anthony: How can a rubber band hold water? (laughter) No, because he's comparing it with a rubber band.

Anthony: No, it was really round.

Michelle: But then you shouldn't use a rubber band because that's not a very good comparison.

Anthony: Yeah, I should use a bubble for that.

Kerri: Okay, let's try bubble, tell us about bubble?

Anthony: Every time there's a bubble with water in it, you'll see the water spill around it, and it'll come out. And if you hold it in your hand.

Kerri: So how is a bubble like a cloud, Anthony?

Anthony: Because it hangs some little water, it has water inside the bubble.

Kerri: Okay, Chanel?

Chanel: I think it's kind of like a bubble, because you know when it pops, it has tiny drops. But I don't think a cloud is just going to pop, but when you see a bubble, when you pop it, you see little drops coming down.

BREAK
Jonathan: Going back to what I was trying to say earlier, as I was saying, I agree much but disagree. The reason is, because a cloud doesn't really pop, but I think that it's like a giant bubble that can't pop, but a lot of times it just lets the water from it drip down really fast. That's probably might also explain the raindrops.

Chanel: I think I know what you're saying. You know when you get the stick with the bubble, the stick where you use it for bubbles and then you blow it out of the circle, that. It's like the circle is the cloud and from the bottom of it, it comes down, because I think there's too much water inside of it.

Kerri: So do you still think it's like a cup overflowing?

Chanel: I think kind of like it, but we have to change it, because you know how we said it's like a bubble, I think I changed my thinking about that, so I don't think it's like that (inaud) from the stick.