

Earthballs Video Clip—Total time: (3 min. 6 sec)

01:14:28—01:14:36 (8 seconds)

01:14:43—01:14:56:25 (13 seconds)

01:15:53—01:18:38 (2 minutes, 45 seconds)

Transcription

01:14:28—01:14:36 (8 seconds)

Ranger Molly: I have an activity called “Earthballs” and what it does, is it allows you to actually hold the Earth in your hands. Are you guys sure you can do this?

01:14:43—01:14:56:25 (13 seconds)

What I’m going to do is pass out the “Earth” to each of you—you each have your own, it’s pretty crazy! And we’re going to do a little dissection and see if we can figure out what’s going on inside the Earth.

01:15:53—01:18:38 (2 minutes, 45 seconds)

ParKid: It’s almost like jello in there!

Ranger Molly: Anybody see anything in there?

ParKid: It’s brown!

ParKids: Oh! Jelly! Ewww! (laughter) –eat this thing?

Ranger Molly: The “Earth” is so gross, huh? (laughter) You may have to do a little dissecting with your knife and poke around in there, but I think you may find something else.

ParKid: A chocolate chip!

Ranger Molly: A chocolate chip? Alright!

ParKid: I do too! A chocolate chip!

Ranger Molly: Did everybody find something else in the very center?

ParKids: Yep. A chocolate chip! A chocolate chip! A chocolate chip! The core!

Ranger Molly: The chocolate chip is the middle. The core, right? Alright, so if the chocolate chip is the middle, we can call it the scientific word. The core, or even the inner core, because what’s the next layer?

ParKid: The outer core.

Ranger Molly: The outer core. And what represents that in our “Earth?”

ParKid: Jelly!

Ranger Molly: Jelly. And so when we're just talking about the inner core and the outer core, what kind of characteristics do we say? Like, what is a characteristic of the inner core? Can anybody tell me? What's something you can say about the chocolate chip that's different from the jelly?

ParKid: It's hard! It's hot!

Ranger Molly: It *would* be hot, right? It's hard, though, right? It's hard. And the jelly is. . .

ParKid: soft! Milky!

Ranger Molly: Soft and squishy. Kind of "liquidy" almost, right? So we're got the inner core and the outer core. And then what comes next?

ParKid: The crust.

Ranger Molly: Don't forget the one in between.

ParKid: The mantle?

Ranger Molly: The mantle, right? And what is the mantle like?

ParKid: I don't know. . .it's the peanut butter stuff.

Ranger Molly: Okay, what kind of words. . .you know we said the chocolate chip was hard and then we had the kind of "liquidy" outer core. What's—

ParKid: Mushy!

Ranger Molly: Mushy, okay. Any other descriptive words?

ParKid: Soft.

Ranger Molly: Soft. It's kind of soft. Goey? Is it *kind* of solid?

ParKid: Yeah, sort of.

Ranger Molly: Kind of solid.

ParKid: More solid than liquid.

Ranger Molly: Yeah, and it's kind of liquid, though, right? It's kind of *weird*! That's my descriptive word! But then, what do we have right outside the mantle?

ParKid: The crust!

Ranger Molly: And does everybody see the crust on theirs? Is it thicker than most of the other parts?

ParKid: No, It's harder.

Ranger Molly: It's harder. It's got some hard parts. But it's pretty thin, isn't it? It's just the very, very outside. So, if we go from the—if we're zooming in and we go from the outside in, who can list these four layers that we just talked about? Can you list them for us?

ParKid: The crust, the mantle, the outside core, and the inside core.

Ranger Molly: Okay, so we've got the crust, the mantle, the outer core, and the inner core.