

3: 2nd_ELA_ReadingAstronomy_StudentView

Student: I usually play tic tac toe.

Student: Tic, [inaudible 00:00:05], tac, toe. Tac, toe.

Student: I know which one you're talking about.

Student: [inaudible 00:00:42], is it the same?

Student: Down here. What are you on?

Student: [inaudible 00:01:05].

Student: How did you get there? Did you go games? [crosstalk 00:01:16].

Student: [inaudible 00:01:22] High backwards.

Student: [inaudible 00:01:28].

Student: I wrote E.

Student: [inaudible 00:01:33].

Student: I.

Student: I'll just spell.

Student: What are you doing?

Student: Now, I'm crossing them out. [inaudible 00:01:52]. S I T H [inaudible 00:01:56]. Last one's [00:02:00] [inaudible 00:02:00]. T E and O [inaudible 00:02:07]. B, misfit letter. An extra letter has been added to each spell word bellow. Try [inaudible 00:02:19], that does not belong, write the correct word on the line.

Teacher: ... their [inaudible 00:02:33]?

Student: [inaudible 00:02:37]?

Student: Yeah.

Student: We can do [inaudible 00:02:41].

Student: I'm not done yet.

Student: [inaudible 00:02:45]. You do that one. We'll do this one. [crosstalk 00:02:51].

Student: [inaudible 00:02:55] Tic tac toe.

Student: Where is it? What are you doing? Games? Are you on games?

Student: Yes.

Student: I probably know to do, get go on [inaudible 00:03:11]. Yes, I'm okay. [inaudible 00:03:32] What? Yeah. I got 2. I got 3 [00:04:00]. [inaudible 00:04:06] is right there.

Student: [inaudible 00:04:09].

Student: You are turning away from the world. It is sunset. Keep turning until your back is towards the land. It is night but your back is in daylight. Half of you is always light and half is dark. It's the same with the Earth. The Earth is always turning. It never stops. Round and round it goes and it goes very fast, about 1,000 miles an hour. As Earth turns we are always moving from day to night and from night to day. You can see this happen if you are awake very early you can see [inaudible 00:05:04] the Earth is moving you towards the sun.

The Earth keeps turning later in the day we begin to turn away from the sun. You can see sunset about 24 hours after sunrise. The sun will rise again, it all happens because the Earth is spinning around. Sunrise can mean sunset. As the Earth turns, the sun seems to move across the sky. This moon's a pretty interesting place. If you were on the moon you would also have day and night but the moon spins very slow. Days and nights are long. Places on the moon have 2 weeks of daylight then 2 weeks of darkness [00:06:00]. During one night on the moon the Earth spins around 14 times. The turning Earth gives us about 12 hours of daylight and 12 hours of darkness. That seemed just about right for all of us and the planet Earth. Okay. Now this.

Student: You can see that the Earth is round. The Earth spins around-

Student: Spins around once and ...

Student: Around and, look.

Student: No. [inaudible 00:07:09].

Student: Once in 24 hours, 24 hours. Once in 24 hours.

Student: 20.

Student: Wait, wait, wait. That's what a rocket ship looks like?

Student: Mm-hmm (affirmative).

Student: Yeah.

Student: Next one. As the Earth turns we have sunrise, daylight, blank and night.

Student: Probably [inaudible 00:07:47].

Student: Was it, as Earth turned we have sunrise daylight, sunset.

Student: Sunset.

Student: Sunset. S U N S E T [00:08:00].

Student: [inaudible 00:08:02] You don't have to write that big.

Student: S U N S E T.

Student: I don't get this part. They go all the way here, then here, then here. That's weird.

Student: [inaudible 00:08:22].

Teacher: On the next page, on page 11 it says, "You won't find the big [differ 00:08:32] here" said [Von 00:08:32]. "We're south [inaudible 00:08:33] of the Equator." She picked up and orange from the fruit bowl on the table. "Pretend this is Earth. Can you see why people see a different set of stars?" Remember how I showed you on the globe?

Student: Yes.

Teacher: They started here, right? They ended up down in Brazil. If you are above Equator which is the spread line, which is the middle of the Earth. You see one set of stars [inaudible 00:09:05] here you see a different set of stars. If you're down here. This is the Northern hemisphere, this is the Southern hemisphere.

Student: If it's up there you can't see any stars.

Teacher: The sky is right here, right? You can see what the sky looks like above the atmosphere, above. They're looking up and they can see the big differ. If you're here when you're looking, you're looking at what the sky has here. They see a different set of stars. We're going to the Imaginarium in about a month and we'll be able to see, they'll show us a movie and we'll be able to learn a little bit more about why you can't see stars, the same stars. In the northern and the southern hemisphere. This is the problem. She is confused. What is [inaudible 00:09:57] doing during this time?

Student: She's [inaudible 00:09:58] to show her the [00:10:00].

Student: [inaudible 00:10:04] told them where if you're on the top of Equator that see different set of stars and if you're above the Equator-

Teacher: Next thing, look at the stars and who had the problem of not being able to see the differ?

Student: [Isabelle 00:10:24].

Teacher: Who said, I can't see the big differ?

Student: [inaudible 00:10:32].

Student: Do we have to do number 9?

Teacher: Yes.

Student: [inaudible 00:10:40].

Student: [inaudible 00:10:43]. Are you kidding me? I'm wrong again. Again.

Student: I want to try this.

Student: [inaudible 00:10:53], we're wrong again.

Student: Hello.

Student: Are we on TV?

Teacher: [crosstalk 00:11:16]. A little bit faster.

Student: [inaudible 00:11:20].

Student: [inaudible 00:11:24].

Student: Is this book a night time story a made up story? True. [inaudible 00:11:45]? True.

Student: No, I'm keeping true.

Student: Remember the deal? I keep true.

Student: No.

Student: I get to keep true. [00:12:00]. [crosstalk 00:12:18].

Student: Finally. How much points do you have? I have 377. 322. [inaudible 00:13:20].

Student: [inaudible 00:13:35]. [crosstalk 00:13:50].

Teacher: She looked for [00:14:00] one star [inaudible 00:14:02]. She knew. I can't find the big differ. Do you see that? [inaudible 00:14:08]. We're still looking on page 10, I'd like your guys points so I know that you're following along. [crosstalk 00:14:21].

Student: [inaudible 00:14:48].

Teacher: All right boys and girls, time's up. [inaudible 00:15:40] your papers, okay? Come and take a seat on the floor.