Transcript for Video Clip 4.3

Teacher/video ID:	Torres, 4.3_stella2-04-torres4-L3_c6
Content area:	Earth's changing surface
STeLLA strategy:	Engage students in using and applying new science ideas in a variety of ways and contexts (STL strategy 6).
Context:	In this lesson on Earth's changing surface, Ms. Torres's class is discussing how car collisions are like Earth's tectonic plates.

Video Clip 3

Time Code	Speaker	Discussion
00:08:24.5	T	OK. I want you to think about this, and I'm gonna give you a few minutes … or about 30 seconds or so to think about [it] yourself.
00:08:31.9	T	Just to get your ideas in your head. And then we're gonna pair up with your partner, and we'll talk about it.
00:08:37.4	T	But first I just want you to think about this question. How do you think the plates are like a car collision?
00:08:46.1	T	How do you think … how do you think the plates … Not do you think they are, [but] how do you think they are
00:08:52.9	T	like the … like a car collision?
00:08:55.6	T	The plates that we learned about yesterday and this morning, we learned that they are …? Moving.
00:09:02.9	T	Moving crust of the Earth that move over melted magma.
00:09:08.0	T	That the magma causes it to move. The plates move in different directions.
00:09:13.1	T	Remember we learned about that … the eggshell? The pieces of the eggshell? OK, Jason.
00:09:19.3	SN	I think of it as like, um, like the plates …
00:09:21.9	T	Hold on, hold on, hold on. I want you to talk about it, but first I want you guys to talk about it with your partner.
00:09:27.7	T	And then we're gonna talk. But I need you just to think about the question by yourself for a second.
00:09:33.1	T	Want you to think about those plates. The shell of the egg, OK?
00:09:37.9	T	And I want you to think about how are those like a car collision?
00:09:56.0	T	OK, you may share with your partner.
00:10:01.4	SN	I think when, like, a car crashes, like, some of the metal of the car bounces up like the eggshell.
00:10:09.7	SN	Kind of like how mountains form. How the plates go up, and how it's, like, stuck on [inaudible] …
00:10:19.1	SN	I think of it as, like, because, like, how the plate's like magma under it. Like how they just …

00:10:24.7	S	with, like, the eggshell, like, there would be that, like, white yolk and stuff, and, like, the eggshell would kind of move around
00:10:31.1	S	and then hit and then, like, kinda … I guess either go up, go over down, bigger [inaudible] …
00:10:39.4	SN	Like exactly like that one when they meet together … like that it would, like, smash.
00:10:45.6	S	But once they back up, they come back down. So, yeah, like, if it hits, it goes up. Down … Yeah, that's what I was thinking.
00:10:53.8	SN	Yeah, it's like the plates just, like, move on the magma or whatever.
00:10:58.0	S	And then once they crash, it's kinda like a car crash because they crash into each other and … just get …
00:11:06.4	S	They could get wrecked up, I think. Like maybe they could, like, crumble down a little bit if they hit hard enough.
00:11:11.6	SN	It's, like, forming a earthquake …
00:11:13.0	SN	It's kind of like a car [inaudible] … because sometimes [inaudible] … each other.
00:11:19.1	S	And sometimes a car crash could happen like that. It could hit another car or something.