

Transcript for Video Clip 6.3

Teacher/video ID:	Torres, 6.3_mspcp_gr.3.forces_torres_L3_c1
Content area:	Forces
STeLLA strategy:	Select activities that are matched to the learning goal (SCSL strategy C).
Context:	In this lesson on forces and motion, students respond to the prompt, “What makes something stop moving?”

Video Clip 3

Time Code	Speaker	Discussion
0:00:03	T	We’ve been talking about how do we get something in motion? How do we get something to move?
0:00:09	T	And today we’re gonna be looking at something a little bit different. We’re gonna look at why do moving objects slow down,
0:00:15	T	and eventually stop? So once it gets in motion, what happens? So I want you to think about this for a moment, and we’re gonna have a chance to turn and talk.
0:00:27	T	But I want you to think about, I see you guys out on the playground all the time, playing with the soccer balls on the soccer field.
0:00:36	T	If you were to kick a ball with a force, what’s gonna happen to the ball?
0:00:47	SN	It’s gonna go farther.
0:00:49	T	It’s gonna go? OK. Well, let’s say I kick it with a light force. What’s gonna happen?
0:00:55	S	It’s gonna move a little bit.
0:00:59	T	It’s gonna move a little bit. What’s gonna stop it from moving?
0:01:13	S	If it hits something?
0:01:15	T	If it hits something. It could possibly stop it from moving.
0:01:19	SN	If someone stops it?
0:01:21	T	If somebody stops it.
0:01:23	SN	If you don’t kick it too hard.
0:01:25	T	If you don’t kick it too hard, why would it stop?
0:01:28	S	’Cause, like, if you hit it hard, it’ll just keep on going. If you hit it slow, it’ll just go a little bit ’cause it’s, like, if you hit a tap on something, it’ll only go a little bit.
0:01:40	T	OK. What causes it to stop?
0:01:43	S	The force I used.
0:01:47	T	The force stops it, or the force starts it?
0:01:49	S	No. I ... I don’t know how to explain it. Like, you hit it.
0:01:53	T/S	OK. / But how ... If you hit it hard, it’ll go farther, and then it’ll stop.

0:01:59	T/S	OK. / And ... but if you hit it slow, it'll stop.
0:02:02	T	OK. We're gonna come back to that question, and I wanna come back to you. Is that OK? OK, we're gonna have ...
0:02:08	T	we're gonna do a lot of experimenting today, and I bet you might find some ... you might find some more words and some more ideas to add to what you're trying to say.