

Teacher/Video ID: Torres/ mspcp\_gr.3.forces.torres.11 c5  
Content area: Forces  
STeLLA Strategy: Engage students in making connections by synthesizing and summarizing key science ideas. Summarize key science ideas  
Context: Lesson 1 of 6 about forces and motion. At the end of this lesson, students describe what made the objects at their tables move.

0:00:03 T Okay, so let's look back at some of the things. Don't worry about the Slinky or the spring, 'cause we didn't have a Slinky or a spring.

0:00:10 T But what caused the block to move?

0:00:18 T W- how did the block move?

0:00:21 SN By your hand.

0:00:22 T Okay, by your hand. And what, what-what caused the motion then?

0:00:31 SN Force.

0:00:32 T What kind of force?

0:00:34 S Hand.

0:00:35 T Okay, but what did your hand do?

0:00:37 S/T Push it. / You pushed it. Good job using your vocabulary word, I like hearing that. You pushed it, but she said that you applied force.

0:00:46 T And I like hearing that. You used a force, your hand to push it, good. What about the paddleball? Yes.

0:00:56 SN It was pu-pushed b-by w-wood a-and the force that was making wa- was the momentum that the w-wood gave the ball when it hi- hit the ball.

0:01:13 T So the force was from the- the paddle w- and when the wood hit that ball, it pushed it? Okay. And it applied a force, is your words? Okay.

0:01:26 T All right, was there anything else that you thought about? Anything you recorded that you think we should know?

0:01:37 SN The ball might roll.

0:01:40 T The ball might roll. Okay. So, what would cause it to roll?

0:01:47 S If you bounce it, it might bounce onto the floor and when it (inaudible)-.

0:01:55 T What causes it to go f- to the floor?

0:01:59 S If you ha- if you hold it on the table it'll bounce on the floor.

0:02:05 T Okay, but what would cause it to go to the floor?

0:02:09 S Gravity.

0:02:10 T Gravity. You think gravity would pull it? All right. Today in your science notebooks, now we're gonna think back to that question.

0:02:18 T What makes something move. Did you learn something today?

0:02:23 SS Yes.

- 0:02:24 T So I learned that something moves because, you're gonna finish that statement in your journal. Okay?
- 0:02:31 T And you could draw a picture to show why something moves. Use labels, those are our words, to show what you learned.