

## Transcript for Video Clip 6.4

Teacher/video ID:	Scott Knight, 6.4_stella_et_knight_L5_c5
Content area:	Energy transfer
STeLLA strategy:	Summarize key science ideas (SCSL strategy I).
Context:	In this lesson summary on energy transfer, the teacher asks students to revise their initial responses to the focus questions in their science notebooks. After students share their ideas for answering the questions, the teacher highlights key science ideas and introduces the next lesson.

### Video Clip 4a

Time Code	Speaker	Discussion
0:00:02.3	T	Quickly, get back into your science notebooks. See if you can revise that first question. It looked like this. You guys answered it so well.
0:00:15.5	T	Let's see. Here.
0:00:19.5	T	Answer that. Make any revisions. This is the one you need to answer now: "Where does it [energy] go? Where does it come from?"
0:00:25.6	T	You guys are all about that, so now just extend it. Think about what we did today.
0:00:30.1	SN	Can I have another ...?

### Video Clip 4b

Time Code	Speaker	Discussion
0:00:37.4	T	Maya, where does energy go?
0:00:40.1	SN	Energy goes into, like, all— It goes into everything ... everything around us, like into television, radio, cars, and a lot of other things, like the ... the trees.
0:00:55.1	T	How come my ... how can, like, that sound from the squeaker ... how come I just don't keep hearing that and hearing that and hearing that, although I kind of feel like I am.
0:01:03.3	T	How come the sound energy just doesn't stay set? Does ... does this just stay sound energy? Bounce sound waves ... bouncing off, however that works.
0:01:16.2	T	Mumford had a bunch of potential energy, and then, boom, all of a sudden, it was kinetic.
0:01:21.1	SN	It changed.
0:01:21.4	SN	Well, it changes.
0:01:22.4	T	It changes. It's always changing.
0:01:27.8	T	It's always changing.
0:01:33.5	T	Sometimes kids say, "Well, energy doesn't go anywhere." I kind of understand what they're thinking.
0:01:39.2	T	Some kids say, "It goes everywhere." I understand what they're thinking as well.
0:01:42.9	SN	But it does.
0:01:43.6	T	It goes. It changes. Energy doesn't start, and energy doesn't stop. It's always kind

		of flowing around changing its costume.
0:01:56.5	T	Sometimes you can see it, and sometimes you cannot.
0:02:01.6	T	Here's how the lesson ends today, gang. If you need to add anything, you're very welcome to.
0:02:07.0	T	Now we're going to sneak ahead here just a little bit. I thought you'd be interested in this. Here's how ... This is actually for tomorrow.
0:02:16.4	T	Ready? I'm going to give you a head start on tomorrow, so in case you want to do some thinking, I'm going to read this. I'm going to give you this paper, and we'll be done. Take a look.
0:02:27.7	T	Energy is all around us, Rane, and we can detect it in many different ways. You saw many of these ways in Mumford and Leroy's big crash.
0:02:34.9	T	Energy moves and changes, but it cannot be created or destroyed.
0:02:40.2	SN	That's what I put.