

Transcript for Video Clip 2.3

Teacher/video ID:	Doody, 2.3_mspcp_gr1_sound_doody_L6_c3
Content area:	Sound
STeLLA strategy:	Ask questions to elicit student ideas and predictions (STL strategy 1). Ask questions to probe student ideas and predictions (STL strategy 2). Ask questions to challenge student thinking (STL strategy 3).
Context:	In this lesson on sound, students observe a demonstration and think about what part of the model is vibrating—the rice or the wax paper the rice is sitting on.

Video Clip 3

Time Code	Speaker	Discussion
00:00:00	T	... really closely at the rice. There we go.
00:00:03	SN	Stay.
00:00:08	E/SN	[Inaudible] / Oh, I saw it moving!
00:00:10	T	Did you see that? We'll try it again. Ready? Look carefully.
00:00:19	SN	I saw it moving! I know it was moving.
00:00:21	T	You saw it moving? What does that mean if it's moving?
00:00:23	SN	It's vibrating.
00:00:24	SN	Vibrating.
00:00:25	T	That it's vibrating.
00:00:26	SN	It's shaking.
00:00:28	T	Thank you, Hannah. Yes, it's shaking, and we ... just like we said, we call that what? Class? We're coming back to me.
00:00:35	SN	Vibrate.
00:00:37	T	OK. Yeah, we call that what?
00:00:39	SS	Vibrating.
00:00:41	T	Vibrating. That's right. OK.
00:00:55	T	When we made that noise, we know that the ... the sound from this traveled ...
00:01:02	SN	To the ... the drum.
00:01:05	T	OK. To the kazoo.
00:01:06	SN	Kazoo?
00:01:08	T	And what happened next?
00:01:10	SN	It vibrated.
00:01:12	T	What vibrated?
00:01:13	S	The—
00:01:14	SN	The rice.
00:01:17	T	OK. What vibrated? Roman, what do you think? What vibrated?

00:01:20	S	The rice.
00:01:21	T	OK. The rice vibrated. What made the rice vibrate?
00:01:25	SN	Um, um, um, um, um.
00:01:27	T	Luca.
00:01:28	SN	The sound.
00:01:29	T	The sound made the rice vibrate. Did the rice vibrate on its own?
00:01:34	S	No.
00:01:36	T	What do you think ... think about the eardrum?
00:01:38	SN	[Inaudible]
00:01:41	T	Hm? Right? This wax paper right here. This was our eardrum. Do you think ... Antonio. Do you think that the wax paper was vibrating?
00:01:54	T	What do you think?
00:01:56	SN	It didn't.
00:01:59	T	Not sure? Neesa.
00:02:00	SN	It's kind of like that video we watched with the ... the hammer ...
00:02:07	T	Can you speak a little louder?
00:02:08	S	The hammer hit the thing, and then the noise came to our ear.
00:02:17	T	That's right, and then the noise went to your ear, just like that video we watched, right? And the air was vibrating. And then what did the vibrating air cause?
00:02:28	T	Hm? Luca.
00:02:29	SN	Sound.
00:02:30	T	Yeah, OK. That ... that ... it ma ... helps the sound travel, right?
00:02:34	T	OK. So let's look at this again. And I want you to think about that. Is the rice just vibrating because of the sound?
00:02:42	T	Or is the sound also vibrating something else that's causing the rice to vibrate?
00:02:50	T	Think about that. Hm. Let's see. Right. What is causing it?
00:02:58	SN	It didn't move.
00:03:00	SN	Air.
00:03:02	T	Mm, maybe air. What ... what ... See this wax paper? Do you think that that wax paper is vibrating? Turn and talk. Is the wax paper vibrating?
00:03:11	SN	No, I don't ... I don't think it's ... I don't ... I don't think it's vibrating.
00:03:17	SN	No. [Inaudible]
00:03:21	SN	Because I think it's not vibrating because, like, wax paper is stuck to there because it ... it has one of those rubber bands.
00:03:31	T	You need to sit up and join us, OK? Ava's sharing her prediction. I'd like you to share your prediction.
00:03:36	S	'Cause it has ... The rubber band is holding the wax paper.