

## Transcript for Video Clip 6.6

Teacher/video ID:	Tanguma, 6.6_mspcp_kinder.pa_tanguma_L5_c8-9
Content area:	Plants and animals
STeLLA strategy:	Select activities that are matched to the learning goal (SCSL strategy C).
Context:	In this lesson on plants and animals, students are discussing what they learned from their small-group investigations about how plants get their food. In this clip, the teacher reads from one of their investigation reference books to reinforce the science ideas they've been learning about and to correct a student misconception that green plants don't need food.

### Video Clip 6a

Time Code	Speaker	Discussion
0:00:02	T	Now, air and water are in the leaves. But the plant needs light, too. The plant needs light so that the air and water can join to make food.
0:00:19	T	So on ... look at our picture again. We see the air; we see the water that's in the leaves, and they're coming together all in the leaves.
0:00:30	T	Light hits the green leaves. When the light hits the green leaves, the air and water can join. Now the plant will have the food it needs.
0:00:45	T	See the light coming from the Sun outside?
0:00:47	SS	Yeah.
0:00:48	T	OK.
0:00:52	T	What if a green plant does not get water? Did we make some observations on that? One of our groups?
0:00:59	SN	Yeah.
0:01:00	SN/T	[Inaudible] / If it does not get water, the plant can't make food. The plant will die. Uh-oh.
0:01:10	T	I see these leaves starting to turn brown. That reminds me of the observations that some of our group made.
0:01:15	SN/T	Yeah. / And the plants got kind of wilted. See how the leaves are kinda hanging down, and it can't make its food.
0:01:20	SN	Yeah, and one fell off. In the—
0:01:22	T	Oh, you see that, huh? Down here.
0:01:23	SS	Yeah.
0:01:24	T/SN	You're right. / And the stem's kind of, like, bending over.
0:01:27	T	Mm-hm. Did that happen to some of our plants?
0:01:29	S/SS	Yeah. It happened to mine. / Yeah.
0:01:32	SN/T	It didn't happen to mine. / OK. What if a green plant does not get light? Did we study that, too?

0:01:39	T	Think about that observation that we made. If it does not get light, the plant can't make food. The plant will die.
0:01:49	T	Uh-oh. Again, our plant doesn't look healthy anymore. It's getting real droopy.

### Video Clip 6b

Time Code	Speaker	Discussion
0:01:58	T	Raise your hand if you hear ... heard our answer to the question, <i>Do plants need food?</i> Do you think you could answer that question now?
0:02:06	T	Did you hear it in the story? Do plants need food?
0:02:12	T	So plants do need food. How do the plants get their food?
0:02:21	T	Turn and talk with your neighbor. Lis— think about the story you heard. <i>How do plants get their food?</i>
0:02:27	SN	Because we learned about this already. So from the Sun, the plant makes the sugar. So, like—
0:02:38	T	What do you think? What did you [inaudible]?
0:02:40	S	The Sun ... the plant makes food to eat so they can eat and they can grow tall.
0:02:46	T	OK. So it used the sunlight. What else did it use to make its food?
0:02:51	S	[Inaudible]
0:02:53	T	Do you remember from the story?
0:02:55	SN	Sun.
0:02:56	T	Sun. And what else did it need?
0:03:00	S	I think air?
0:03:02	T	Air. Did you hear one other thing that it needed in order to make its food?
0:03:07	S/T	Water? / Water.
0:03:08	SN	That's [inaudible] said at the same time. Say it again. Water—
0:03:13	SN	Water.
0:03:15	T	All right.