

Transcript for Video Clip 8.1

Teacher/video ID:	Tanguma, 8.1_mspcp_kinder.pa_tanguma_L6_c9
Content area:	Plants and animals
STeLLA strategy:	Make explicit links between science ideas and activities (SCSL strategy F). Link science ideas to other science ideas (SCSL strategy G). Highlight key science ideas and focus question throughout (SCSL strategy H).
Context:	This clip takes place at the beginning of a culminating lesson about the needs of plants and animals.

Video Clip 1

Time Code	Speaker	Discussion
0:00:02	T	Kiara, can you give me a couple of your things that you know that animals need to ... in order to live and grow?
0:00:07	SN	Food.
0:00:08	T	Food. Let's all put one finger up. That's one.
0:00:14	S	Fresh air.
0:00:15	T	Air. Mm-hm.
0:00:17	SN	That's two.
0:00:18	T	That's two.
0:00:21	SN/SN	Fresh air. / Water.
0:00:23	SN	Food?
0:00:24	T	Food and air. Do you guys agree with Kiara?
0:00:27	SS/SN	Yeah. / Water.
0:00:29	T	Does anyone want to maybe add on? I hear someone adding on up here. What did you say?
0:00:32	SN	I added on.
0:00:33	SN	Shelter.
0:00:34	T	Shelter. So their environment. OK. Is there anything else we can think of?
0:00:37	E	[Inaudible]
0:00:39	SN	Um, sunlight.
0:00:40	T	Sunlight. OK.
0:00:41	S	I think [inaudible].
0:00:42	T	OK. Go grab a tissue, OK, buddy? OK. Do animals need sunlight in order to live and grow?
0:00:49	SN	Yes.
0:00:51	T	Hm.

0:00:52	SN/T	No. / Let's think about that. I heard some yes, and I heard some nos. Do animals need sunlight in order to live and grow?
0:01:03	SS/SS	Yeah. / No.
0:01:04	T	I wanna hear some of your thinking. Joshua, why ... what do you think? You said no. Why do you think that?
0:01:11	SN	Because [animals] don't grow. Well, they grow, but not like plants.
0:01:17	T	Not the same as plants, right? What do the plants use the sunlight for?
0:01:22	S	Growing.
0:01:24	SN	And for food making.
0:01:27	T	I can't hear you.
0:01:28	S	And for making food.
0:01:29	T	For making food. That's right. Plants use the sunlight for making food. But do animals use sunlight to make their own food?
0:01:36	SS	No.
0:01:37	T/SN	No. / They hunt their food.
0:01:39	T	You're right. OK. So even though it's nice that some animals use sunlight to stay warm, do they have to have that in order to stay alive and grow?
0:01:51	SS/T	No. / Like the plants? No. OK. So Kiara gave us air and food. Water, and someone else said shelter.
0:02:05	T	So what's another thing that we need?
0:02:07	SN	Um.
0:02:09	T	Hey, buddy. I want you to go grab a tissue.
0:02:10	SN	Um ... air?
0:02:11	SN	Why?
0:02:12	T	Because I need you to go wipe your nose, please. Thank you.
0:02:15	SN	Air? I think it's air.
0:02:18	T	And then wash your hands. We have air. What's another?
0:02:21	SN	I don't know.
0:02:22	SN	Dirt.
0:02:23	T	Dirt. OK.
0:02:26	SN	Ooh, ooh, ooh.
0:02:27	T	OK. Let's go back. Let's look at our double bubble to see if that can help us maybe remember the ...
0:02:32	SN	Double bubble.
0:02:33	T	the things that animals need. We said the animals need their shelter or their environment.
0:02:39	SN	I think it's food.

0:02:40	T	We said they needed water. I heard it. We said they needed air. What's another one that animals need?
0:02:46	SS	Food.
0:02:47	T	Food. That's right.
0:02:49	SN	That's what I said. F-O-O-D.
0:02:52	T	So in this unit, we have been learning about the needs of animals and the needs of plants. Plants need sunlight, water, and air to make their own food.
0:03:03	T	Animals don't need the sunlight to make their own food. They hunt and eat it. OK? Animals do need food, though, still, and water and air.
0:03:13	T	So today we're going to use all of the things that we have talked about, and we are going to answer the big unit question.
0:03:24	T	Please turn your eyes and follow me over to the big question that we're going back to,
0:03:29	T	and this is the question that we started with on the very first day of our unit. And that's the one here in green. Let's read it together.
0:03:36	E	<i>Do plants and animals need the same things in order to stay alive and grow? Explain your thinking.</i>
0:03:53	T	Hm. So we have learned a lot about what plants and animals need to live and grow.
0:04:02	T	Today you're going to use what you've learned to create a drawing for me that shows how plants and animals needs are the same,
0:04:13	T	and how they are different. To help you think about what you should put in your drawing, let's look at our double bubble map from yesterday.
0:04:21	T	We just took a look at what the animals need, but let's also look at the plants. OK?
0:04:27	T	So we see that plants also need water, food, and air just like animals. So those are things that they have that are the same needs.
0:04:38	T	But plants have a few other things that they need. Which is sunlight, all right, and dirt. We talked a little bit about how the dirt is part of their environment.
0:04:51	T	OK? Now an animal needs an environment too, but their environment might look a little different as well. OK?
0:05:00	T	So who can raise their hand and tell me what needs of plants and animals are the same? The same.
0:05:11	T	Go ahead.
0:05:12	SN	Air and food and water?
0:05:14	T	Air and food and water. Great.