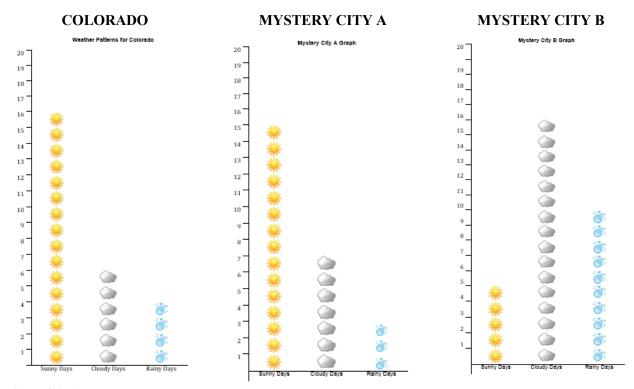# Transcript for Video Clip 4.1

Teacher/video ID:	Johnson, 4.1_mspcp_kinder_weather_johnson_L5_c1–2
Content area:	Weather and seasons
STeLLA strategy:	Engage students in using and applying new science ideas in a variety of ways and contexts (STL strategy 6).
Context:	In this lesson on weather, students compare graphs showing the number of sunny, cloudy, and rainy days for a mystery city and their own city in Colorado. Some students have Mystery City A, and some have Mystery City B. Students must use what they've learned about weather patterns in Colorado (their home) to decide whether the mystery city is their own city in Colorado or a different city.

COLORADO	MYSTERY CITY A	MYSTERY CITY B

Video Clip 1a

Time Code	Speaker	Discussion
00:00:00	T	OK. So right now, the two of you are going to look. You have Mystery City B.
00:00:08	T	And you have Mystery City B. So you want to look. How many cities? Count.
00:00:13	SN	[Inaudible]
00:00:14	SN	Oh. Four, five. One, two, three, four, five.
00:00:18	T	So this is Colorado, right? So this is the one that needs to match. If you have the matching one, then you know that you have what?
00:00:26	SN/T	Nine. / Colorado, right?
00:00:27	SN	One, two, three, four—
00:00:29	SN	I got the mystery city.
00:00:30	T	Oh, what do you think? What do you think?

00:00:33	SN	It has four Suns. *(note: may be based on a previous weather graph)*
00:00:34	SN	Sixteen.
00:00:35	T	It has four Suns, but what is … That tells us a lot of information. What does that tell us?
00:00:42	SS	Seven, eight, nine, 10, 11, 12, 13, 14, 15, 16.
00:00:48	SN/T	Sixteen clouds. / OK. So there's 16 clouds … what … on what you guys have, and right here for Colorado, there's 16 sunny days.
00:00:56	SN/T	What? / Do you have Colorado, or do you have another city based on looking at this?
00:01:00	SN	This one.
00:01:01	SN	I got another city.
00:01:02	T	You have another city, right? Because if it was Colorado, what would you have more of?
00:01:08	T	What would you have more of, Marley?
00:01:10	SN	I'd have more Suns.
00:01:11	T	You would have more Suns, absolutely. So right now, this is what I want you to look at. You're going to answer these questions. Our mystery city has … Does it have the same number of Suns?
00:01:21	SN	Yes.
00:01:22	T	It does?
00:01:24	SS	No.
00:01:25	T	No. So you're going to circle this word, *different*.
00:01:32	T	*Different*.
00:01:34	SN	Oh, this is really hard.
00:01:36	T	Well, let's look. So this is Colorado. Look at what you have, Adrian.
00:01:42	SN	I have.
00:01:43	T	Look at what you have. This is the weather pattern for Colorado. Now look at what you have. Does it match?
00:01:48	SN	No.
00:01:49	T	No, it doesn't. So you know that you have a different …
00:01:51	SN	Oh yeah. So I have a different …
00:01:54	T	A different city, right?
00:01:55	S	A different city.
00:01:57	T	Absolutely. Why do you think that?
00:02:00	S	Because there's more cloudy days.
00:02:03	T	There's more cloudy [days], right? How many cloudy days do we have here? On this one, for Colorado?
00:02:07	S	Six … 16.
00:02:11	T	Six.
00:02:12	S/T	Six. / Six cloudy for Colorado, right? And you have a lot more cloudy days here. So wow, wherever this city is, it has a lot of clouds. So looking here …
00:02:26	SN/T	Delaney. / This is Colorado. Does this look the same? This is your city. Does it look the same?

00:02:32	T	No. So do you have Colorado? No.
00:02:35	SS	No.
00:02:36	T	Because the number of Suns is different. So you would circle *different*.

Video Clip 1b

00:02:43	T	If you had a Mystery City B, raise your hand.
00:02:46	SN	Different Colorado.
00:02:48	T	Emilio, tell me why … how you know you had Mystery City B.
00:02:52	SN	Because …
00:03:00	T	You know. You're saying you didn't have this one. You had this one, right?
00:03:05	T	And what did it have a lot of? How did you know?
00:03:08	S	Cloudy days.
00:03:09	T	It had a lot of cloudy days, right? So some friends had this one—a Mystery City B. Does this match Colorado?
00:03:19	SS	No.
00:03:20	T	It does not. Who can tell me why it does not match Colorado? Adrian?
00:03:27	SN	[Inaudible]
00:03:30	T	Why does it not match?
00:03:35	T	We're saying that they're different. They're different. Why are they different?
00:03:41	S	Oh, because there's more sunny and cloudy [days].
00:03:45	T	Well, there's more sunny [days] in Colorado, and then in the other city, there's more cloudy days.