

Transcript for Video Clip 6.5

Teacher/video ID:	Jeff Evans, 6.5_stella_SEC_evans_L5_c3
Content area:	The Sun's effect on climate
STeLLA strategy:	Set the purpose with a focus question or goal statement (SCSL strategy B). Engage students in making connections by synthesizing and summarizing key science ideas (STL strategy 7). Select activities that are matched to the learning goal (SCSL strategy C).
Context:	In this lesson on the Sun's effect on climate, students observe that not all locations at a given latitude have the same average temperature, which indicates that factors other than the angle of sunlight and Earth's orbit and tilt may impact the climate of a region. In this video clip, students are examining temperature maps of the United States.

Video Clip 5

Time Code	Speaker	Discussion
0:00:02.6	T	Again, good conversation, I think. Really sort of focused around ...
0:00:11.6	T	the impact you are seeing on these temperature maps ... of the Rocky Mountains.
0:00:18.6	T	We see the ... the blue bands, and we see the ... the yellow and orange bands, and then we have this piece of this coming down in here ... this darker blue in the
0:00:30.6	SN	Which is colder?
0:00:31.9	T	And the yellow in the ... in the summer. Anaya, was that you who said ...
0:00:37.7	S	Which is colder?
0:00:38.4	T	It's colder, OK. So the impact we experience in Colorado Springs is what?
0:00:44.3	SS	Cold.
0:00:44.7	T	From?
0:00:46.8	SN	The Rocky Mountains.
0:00:47.7	T	The Rocky Mountains. Thank you, Nathan. All right. Now we're going to look at San Francisco, Colorado Springs, and St. Louis, Missouri, on this data sheet.
0:01:02.1	T	And we'll graph the data.
0:01:05.1	SN	Get your colors?
0:01:05.4	T	So we're going to work some mathematics into science.
0:01:09.7	S	Just [inaudible].
0:01:09.9	T	You will need three different-colored ... colored pencils, please.
0:01:15.9	SN	Oh, pencils?
0:01:23.8	T	We are looking at temperatures at the same latitude.
0:01:31.2	T	Let's ... let's read the questions first.
0:01:35.5	T	Can I get a reader, please? Miss Anaya?