

## Transcript for Video Clip 2.1

Teacher/video ID:	Lathon, 2.1_mspcp_gr.3.variations.traits_lathon_pre.marissa_c1
Content area:	Variation in traits
STeLLA strategy:	Ask questions to elicit student ideas and predictions (STL strategy 1). Ask questions to probe student ideas and predictions (STL strategy 2).
Context:	In an interview before a unit on variation in traits begins, Marissa shares her ideas about how trait variations might affect the survival of a litter of rabbits living in a snowy environment.

### Video Clip 1

Time Code	Speaker	Discussion
00:00:00	SN	And alike by ... They were all ... they were all raised together.
00:00:06	T	OK. OK. How are they different?
00:00:11	S	Their skin.
00:00:13	T	OK, so tell me about their skin.
00:00:14	S	And their fur. That one's black and white; those are black; those are brown; that one is white with a little bit of brown.
00:00:22	T	OK. So they ... they're all alike. They're rabbits, but they do have different colors. Some white, some are brown, some black.
00:00:30	T	So if they were born in this habitat, or this area, and this was a predator, would any of them have a better chance of surviving than the others?
00:00:38	S	Well, since it's a snowy place ... [the] white one, the white rabbits, since they're easier to blend in.
00:00:44	T	Ah. So how does blending in help them survive better?
00:00:48	S	So that the predators don't find them as easily.
00:00:51	T	Ah. OK. OK. So which ones out of ... out of that group might the predators see more easily?
00:00:58	S	The black ones.
00:01:00	T	OK. How come the black ones?
00:01:02	S	Because black is the opposite of white.
00:01:04	T	OK.
00:01:06	S	And if they try to hide, the bird might find them.
00:01:09	T/S	Ah. / The predator.
00:01:11	T	OK. So if that's true ... so if the white ones have a better chance of surviving than maybe the black or the brown 'cause they can be seen

		easier in this snowy place, I think is what you said.
00:01:22	S	The ... the brown ones would live closer to, like, forests, and then the black bunnies would probably live close to dark places.
00:01:33	T	OK, OK. So if ... if they were living right out here in this white, snowy place here? Knowing that these guys are harder to see, over years and years and years, what might these rabbits look like?
00:01:50	S	Over time, they might look different.
00:01:53	T	OK. How might they look different?
00:01:56	S	That one could change darker.
00:01:58	T	OK, OK.
00:02:01	S	And I don't really know what would happen with those, but since it's snowy down here, I know that those rabbits would have a better chance.
00:02:13	T	OK.
00:02:14	S	And over time they could change.
00:02:16	T	OK. Why might this one change black?
00:02:20	S	Because over time, I think, that over time that their fur can change.
00:02:27	T	OK.