

## Transcript for Video Clip 5.3

Teacher/video ID:	K. Griffin, 5.3_mspcp_gr.1.tav_griffin_L8_c3
Content area:	Variations in plants and animals
STeLLA strategy:	Identify one main learning goal (SCSL strategy A).
Context:	In this lesson on variations in plants and animals, students apply their understandings of trait variation to solve a problem.

### Video Clip 3

Time Code	Speaker	Discussion
0:00:02	T	Here is the answer to our mystery. Let's talk about it, OK? So the lawnmower comes and goes <i>brr!</i> Does the big dandelion survive?
0:00:12	SS	No.
0:00:13	T	No, it doesn't, because I see that the stem is still there, but the flower—the head—isn't there. And we know that that's where the seeds live.
0:00:22	T	So, it goes <i>brr!</i> OK. All that survives is the small seeds. OK? Then when the seed head dies—OK?—we get our fluff.
0:00:33	T	OK? And then that gets blown into the air. So who can tell me about this last box?
0:00:43	T	Who has their voice off? Who doesn't have their paper in their mouth 'cause that's gross. Nathan ...
0:00:48	SN	That ... what I see [in] the picture is that there's small dandelions, and ... and somehow three flowers.
0:01:00	T	turn around.
0:01:03	S	Most of them have three flowers that I see in the picture. And what I also notice about it is that the grass grew again, and in that time ...
0:01:26	S	and then it probably will start all over again. Besides, I think if they're short, then they'll probably survive better because
0:01:39	S	that one was short, the little one was short, and so it survived by the lawnmower, and so that's what I think is going ... is what I think is happening.
0:01:57	T	OK. So what was the trait of the dandelion that varied? What's the trait, friends?
0:02:03	SN/SS	Size. / Small.
0:02:05	T	Stem, OK. The stem is the trait. That's what it has in common. Amelia, on the ground. OK?
0:02:11	T	What was the variation?
0:02:13	SS	Size.
0:02:14	T	Size. That's right. We had a long stem and a short stem. OK? So which variation is more likely to survive the mower?
0:02:22	SS/T	Small. / Small. OK. Which dandelions are more likely to make and disperse—so give off—new seeds?
0:02:29	SS	Small.
0:02:30	T	Small. So the short stems. OK. So what will the dandelion plants that grow from those seeds look like? Will they be longer or shorter?

0:02:41	SS	Short.
0:02:42	T	Short. OK. So which dandelion plants [will we] be more likely to see in the park next year?
0:02:50	SS	Small.
0:02:51	T	Small or short stems. OK. Awesome. So how does ... how does this relate to our question?