

STeLLA Discussion Guide

Discussion about Teaching Fall Unit

Focus question: What did you learn about your own growth and/or about student learning/thinking from watching your fall video and completing the reflection about STeLLA Strategies *or* completing the FACs for the pre- and posttests?

- Each teacher has 5 minutes to describe what she/he learned about personal growth and changes in student learning/understanding as a result of participating in the STeLLA PD program so far.
- Teachers may ask one another questions as the discussion moves along.
- PD Leader serves as the time keeper only; teachers are in charge of their conversation.

Name _____

REFLECTING ON STUDENT THINKING LENS STRATEGIES

ST Lens Strategy	Tried it out this fall	Evident in my lesson video	Evidence from my lesson video	Comfort with my use of this strategy
Strategy 1: Ask questions to elicit student ideas and predictions		1 2 3 4 5 Not at all Very		1 2 3 4 5 Not at all Very
Strategy 2: Ask questions to probe student ideas and predictions		1 2 3 4 5 Not at all Very		1 2 3 4 5 Not at all Very
Strategy 3: Ask questions to challenge student thinking		1 2 3 4 5 Not at all Very		1 2 3 4 5 Not at all Very
Strategy 4: Engage students in communicating in scientific ways		1 2 3 4 5 Not at all Very		1 2 3 4 5 Not at all Very
Strategy 5: Engage students in analyzing and interpreting data and observations		1 2 3 4 5 Not at all Very		1 2 3 4 5 Not at all Very

Name _____

Strategy 6: Engage students in developing and using content representations and models		<p>1 2 3 4 5 Not at all Very</p>		<p>1 2 3 4 5 Not at all Very</p>
Strategy 7: Engage students in constructing explanations and arguments		<p>1 2 3 4 5 Not at all Very</p>		<p>1 2 3 4 5 Not at all Very</p>
Strategy 8: Engage students in using and applying new science ideas in a variety of ways and contexts		<p>1 2 3 4 5 Not at all Very</p>		<p>1 2 3 4 5 Not at all Very</p>
Strategy 9: Engage students in making connections by synthesizing and summarizing key science ideas		<p>1 2 3 4 5 Not at all Very</p>		<p>1 2 3 4 5 Not at all Very</p>
Strategy F: Make explicit links between science ideas and activities		<p>1 2 3 4 5 Not at all Very</p>		<p>1 2 3 4 5 Not at all Very</p>
Strategy G: Link science ideas to other science ideas		<p>1 2 3 4 5 Not at all Very</p>		<p>1 2 3 4 5 Not at all Very</p>
Strategy H: Highlight key science ideas and focus question throughout		<p>1 2 3 4 5 Not at all Very</p>		<p>1 2 3 4 5 Not at all Very</p>