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| **Time / Purpose** | **Materials and Guiding Questions** |
| **5 mins.**Review PEs and gather thoughts | * Materials – standards page, Framework (related DCI section)
* ***Individually***, review Performance Expectation(s) and associated DCI, SEP, CCC
* No discussion, record key ideas in notes
 |
| **10 mins.**What is the intent of the PE(s)? | * Materials – Standards, Framework, Appendices E, F, G
* As a ***group***, discuss:
	+ Why is this important for students to know?
	+ What vocabulary/language helps determine intent?
	+ What are connections to grades before and after? Other PEs?
 |
| **10 mins.**What is not in the PE(s)? What are the boundaries? | * Materials – Standards, Framework, Appendix E
* As a ***group***, discuss:
	+ Clarification statement and assessment boundary with PE
	+ Introduction for the topic in DCI section of Framework
	+ DCI Progression (Appendix E) – what is intended depth for the DCI?
 |
| **10 mins.**How does the practice(s) facilitate student learning? | * Materials – Standards, Framework, Appendix F
* As a ***group***, discuss:
	+ Why this practice with this DCI?
	+ What will students need to experience and know with respect to the practice?
	+ What other practices might enhance student mastery of the DCI?
	+ What is the appropriate depth for each practice?
 |
| **10 mins.**How does the crosscutting concept(s) facilitate student learning? | * Materials – Standards, Framework, Appendix G
* As a ***group***, discuss:
	+ Why this crosscutting concept with this DCI?
	+ What will students need to experience and know with respect to the crosscutting concept?
	+ What other crosscutting concepts might enhance student mastery of the DCI?
	+ What is the appropriate depth for each crosscutting concept?
 |
| **10 mins.**How might supporting standards facilitate the learning of the science? | * Materials - Standards-Connection boxes (appendices L and M)
* As a ***group***, discuss:
	+ How might literacy standards help develop understanding of the selected science standards?
	+ How might mathematics standards help develop understanding of the selected science standards?
	+ What are the connections with other content standards and programs?
 |
| **5 mins.** Reflect | * ***Individually***, share what you learned…
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**Getting to the INTENT: A protocol for looking at the NGSS**