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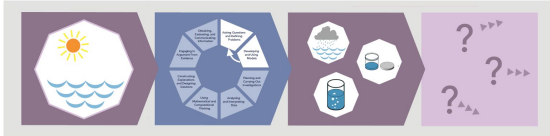NextGen Science Exemplar System

Explore Anchoring Phenomenon — Attempt to Make Sense — Identify Related Phenomena — Develop Questions & Next Steps

Storyline Tool #1: Anchoring Phenomenon Routine

Does the launch of the unit include these elements of the Anchoring Phenomenon Routine?		Yes	No	If you found evidence of this, what did it look like? Ideas for improvement, if any?
Element 1 Explore Anchoring Phenomenon *What do we notice?*	**1A:** Students explore an anchoring phenomenon and notice aspects of it that will require key pieces of the target DCIs to explain.			
	1B: Students go public with what they noticed.			
	1C: The class builds a record of what everyone noticed.			
Element 2 Attempt to Make Sense *How can we explain this?* *Do our explanations agree?*	**2A:** Students generate initial explanations that elicit competing ideas about the key pieces of the target DCIs.			
	2B: Students go public with their explanations.			
	2C: The class builds a record of areas of consensus and disagreement across everyone's explanations.			

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Does the launch of the unit include these elements of the Anchoring Phenomenon Routine?		Yes	No	If you found evidence of this, what did it look like? Ideas for improvement, if any?
Element 3 Identify Related Phenomena *Where else does something like this happen?*	**3A:** Students generate examples of related phenomena they have experienced.			
	3B: Students go public with these related phenomena.			
	3C: The class builds a record of related phenomena.			
Element 4 Develop Questions & Next Steps *What do we need to figure out to explain all of this?*	**4A:** Students generate questions that could potentially lead to uncovering important ideas in the target DCIs.			
	4B: Students go public with their questions.			
	4C: The class builds a record of everyone's questions.			
	4D: Students generate ideas for investigations that could potentially lead to uncovering important ideas in the target DCIs.			
	4E: Students go public with ideas for investigations.			
	4F: The class builds a record of everyone's ideas for investigations.			