

How Do We Bring 3-Dimensional Learning into Our Classrooms? Five Questions and Classroom Routines

Question	Routine	Elements
How do we kick off investigations in a unit?	Anchoring Phenomena	<div style="display: flex; justify-content: space-around; font-size: small;"> Explore Anchoring Phenomenon Attempt to Make Sense Identify Related Phenomena Develop Questions & Next Steps </div>
How do we work with students to motivate the next step in an investigation?	Navigation	
How do we help students use practices to figure out pieces of the science ideas?	Investigation	
How do we push students to go deeper and revise the science ideas we have built together so far?	Problematizing	
How do we help students put together pieces of the disciplinary core ideas and crosscutting concepts?	Putting Pieces Together	

A Storyline Uses the Five Classroom Routines in Combination to Support Coherence for Students

