## Science and Engineering Practices Implementation

S	cience and Engineering Practices				
	<ul> <li>Asking questions (for science) and defining problems (for engineering)</li> </ul>				
	Developing and using models				
	Planning and carrying out				
	investigations				
	Analyzing and interpreting data				
	<ul> <li>Using mathematics and computational</li> </ul>				
	thinking				
	Constructing explanations (for science)				
	and designing solutions (for				
	engineering)  o Engaging in argument from evidence				
	Obtaining, evaluating, and				
	communicating information				

Ellen asked her colleagues how they were implementing the Science and Engineering Practices (SEPs) in their classroom, building or district.

**Mechelle** said, "I have heard about the science and engineering practices but, haven't really done any professional learning about them. I think I am okay though because I have used inquiry for years."

**Tammie** said, "I went to some professional learning on the Science and Engineering Practices with my building team. We have had some meetings to brainstorm future implementation moves."

**Georgia** said, "I am trying to use one or two Science and Engineering Practices in my classroom but, I am spending all of my time just planning and delivering. I haven't really gotten to think about how the students are being impacted yet."

**Craig** said, "My team has studied the SEPs and plans together to use them in our science lessons. We are now looking at student work to see how well they are using those practices."

Engineering		•	•	•	