

Student Work Analysis
 Analysis of Instruction and Student Work
 MC GEN Entry 2
 Thematic Exploration: Connection to Science

Accomplished Response	Lacking Evidence	What's the Difference
<p>In the first assignment (observation of the water cycle) Darrylmy follows the scientific inquiry process. It is apparent that he has a good understanding as he moves through the process and by his strong concluding hypothesis. He articulates very well both the concept of the water cycle and how it was modeled in the experiment and the big idea of change in the cycle. An example of this is in his concluding hypothesis when he summarizes the process by stating, “the water vapor condenses...cooler air makes a cloud...water vapor accumulates...water droplets grow in size and become too heavy for the cloud...then precipitation is formed.”</p> <p>Each assignment added on to the next one. This was appropriate for my class because of their few experiences with science and lack of prior knowledge of the theme. This way allowed students to become familiar with the content and therefore more confident. Individually these assignments created multiple paths to learning because they touched many different learning modalities. The first assignment utilized student’s observations (during the experiment) and oral skills (in groups once the experiment was done). The second assignment was tactile experience where students discovered ways to measure rain through a hand-on activity. The third assignment had students utilizing their verbal skills on a much higher interpersonal level through their interviews. Students also had to visualize these changes in weather through the graphs they created.</p>	<p>In the first assignment Darrylmy follows the scientific process. It is apparent that he has a good understanding as he moves through the process and by his strong concluding hypothesis.</p> <p>Each assignment added on to the next one. My student’s lack prior knowledge of the theme. This way allowed students to become familiar with content. Individually these assignments created multiple paths to learning because they touch many different learning modalities.</p>	