

Student Work Analysis  
 Analysis of Instruction and Student Work  
 MC GEN Entry 3 (video)  
 Math and Science Integration

Accomplished Response	Lacking Evidence	What's the Difference
<p>Prior to the videotaped segment, I prepared my students by discussing these objectives and explaining the activity's directions. To activate prior knowledge, I referred to the classifying and graphing activity we had completed about our own room's trash. I reviewed how to use a gram and kilogram scale, how to label and graph their results, as well as how to use the tools of science specifically observation and inquiry. I strategically grouped students to ensure that each group contained talkative as well as quieter students. To ensure fairness and equity in the activity and discussion, I assigned the following roles: discussion leader, weight monitor, recorder and graph designer. I instructed students in how to carry out these roles, and reminded them that having roles still meant they needed to participate in all aspects of the activity.</p>	<p>Before I videotaped, I prepared my students for it. I reviewed with them how to use a scale and how to graph. I grouped students together for this activity, and I also gave them roles</p>	