

# FCPS Mathematics Common Unit Assessment Analysis

Analyze Common Assessment Data.

**STEP 1: Identify.** Review the assessment questions and standards and identify 2-3 common themes. Consider the main knowledge and skills students need to be successful on the assessment.

**STEP 2: Review.** Discuss the data and determine where students were successful. Determine what students already know about the common themes. Consider what the student answer choices show that they know. If possible, triangulate the Common Assessment data with other data (Savvas Common Assessment, MAP data, etc.)

**STEP 3: Analyze.** Based on the data, analyze the answer choices, and determine the most common misconceptions. Discuss the error students made and the underlying understanding or misconception that led to them making that error.

**STEP 4: Reflect.** Reflect on the work students did during daily instruction. Did the opportunities students had to grapple with math in class match the rigor of the standard? Consider all aspects of rigor: procedural skill and fluency, conceptual understanding, and application.

**STEP 5: Action Plan.** Use the questions in the template to plan how you will respond to and address the misconception(s).

Reflect and plan next steps.	
<p>What patterns do you notice in the data?            What CAN students do? What can students not do YET? Were there any common errors across the collection of work?</p>	
<p>Did the opportunities students had to grapple with math in class match the rigor of the standard? Consider all aspects of rigor: procedural skill and fluency, conceptual understanding, and application.</p> <p>Are there strengths or gaps you've noticed when comparing your students' data to that of your colleagues? What strategies might you borrow or share?</p>	
<p>What is the key understanding that students need to gain to address the misconception?</p>	
<p>In one sentence, what will you do to respond to this data?</p>	
<p>How will you reteach the material?</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Cycle into future lesson</li> <li><input type="checkbox"/> Whole group re-engagement</li> <li><input type="checkbox"/> Small group re-engagement</li> <li><input type="checkbox"/> 1:1 tutoring</li> </ul> <p>What will you do differently than the first time it was taught? How can you build on what students know or push learning to the next level?</p>	
<p>When will you ensure this content is taught and practiced?</p>	