

Transcript – Developing Mathematical Proficiency

Let's explore the role the mathematical process standards play in mathematical proficiency. For this lesson, you'll need your Developing Mathematical Proficiency journal page.

Take a moment to reflect on the following statement:

Pairing a content standard with a process standard to solve problems allows students to become mathematically proficient with the content for each grade level.

Once you've had time to reflect on that statement, how does pairing a content standard with a process standard allow students to become mathematically proficient?

Please record your answer in your Developing Mathematical Proficiency journal page.

Transcript – Developing Mathematical Proficiency (continued)

Now that you've had a chance to record your thoughts about developing mathematical proficiency, consider the following question:

Why is it important that the student expectations in the mathematical proficiency column be coupled with the process standards?

Transcript – Possible Responses

Did you consider that the process standards help students connect the content with the real-world context related to the student expectation? Did you consider that the process standards create opportunities for students to communicate about the content related to the student expectation? Did you consider that the process standards provide opportunities to students to analyze mathematical relationships and make connections related to the student expectation?