

## 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 and a copy of the mathematical process standards, which can be found in your course-specific TEKS or in the side-by-side documents.

Take a moment to reflect on the following statement:

Combining a content standard with process standards to solve problems allows students to become mathematically proficient with the content for each course.

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

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