

Transcript – Vertical Learning Progression Activity

Now let's dig a little deeper. In the following videos, we'll explore the Revised TEKS (2012) to determine how conceptual understanding, computational fluency, automaticity, and mathematical proficiency are addressed.

Be sure to select the appropriate grade band video. After you've watched your grade band video, take a moment to explore the revised TEKS, then record your evidence into your Vertical Learning Progression recording sheet in your journal.

Transcript – Grades K-2 Instructions

Hello, I'm Stefani Kulhanek, Education Specialist for Region IV, and I will be walking you through grade level exercises for grades kindergarten through second grade.

Now let's use our understandings of conceptual understanding, computational fluency, automaticity, and mathematical proficiency to examine kindergarten through grade 3 student expectations for addition, subtraction, multiplication, and division of whole numbers.

Review the kindergarten through grade 3 student expectations in the revised TEKS to find evidence of conceptual understanding, computational fluency, automaticity, and mathematical proficiency. Related student expectations for grades 4 and 5 are listed for you at the bottom of the appropriate columns to show the vertical alignment of outcomes. Pay attention to the verbs used in the student expectations as you sort them onto the chart. Record the evidence in your journal.

Transcript – Grades 3-5 Instructions

Hello, I'm Crystal Munsinger, Education Specialist for Region IV, and I will be walking you through grade level exercises for grades 3 through 5.

Now let's use our understandings of conceptual understanding, computational fluency, automaticity, and mathematical proficiency to examine grade 3 through grade 6 student expectations for multiplication and division of whole numbers and addition and subtraction with rational numbers.

Take a look at the below exercise and place the information in the appropriate column. Related student expectations for grades 1 and 2 are listed at the top of the appropriate columns to show the vertical alignment of outcomes. Related expectations for grades 6 and 7 are listed at the bottom of appropriate columns. Pay attention to the verbs used in the student expectations as you sort them onto the chart. Record the evidence in your journal. In your journal, you will find a possible progression for your reference.

Transcript – Grades 6-8 Instructions

Hello, I'm Sherry Olivares, Education Specialist for Region IV, and I will be working with you on the grade-band-specific materials for grades 6 through 8.

Now let's use our understandings of computational fluency, automaticity, mathematical proficiency, and conceptual understanding to examine grade 5 through grade 8 student expectations for addition, subtraction, multiplication, and division with rational numbers.

Take a look at the exercise below and place the student expectations in the appropriate column. Related student expectations for grades 3 and 4 are listed at the top of the appropriate columns to show the vertical alignment of outcomes. Pay attention to the verbs used in the student expectations as you sort them onto the chart. Record the evidence in your journal. In your journal, you will find a possible progression for your reference.