

Introduction to the Revised Mathematics TEKS (2012) – Module 3

This is one of four modules to introduce the Revised TEKS for grades K – 8. The goals for participation are to study the newly revised TEKS (2012), explore a process to determine and address curriculum and instructional gaps in student learning for the implementation year 2014-2015, explore vertical connections within the newly revised TEKS (2012), explore instructional implications for cohort groups of students using a gap analysis matrix, and create an action plan for the transition to implementation and assessment of the newly revised TEKS (2012). CPE credit is 3.

Course Introduction

This lesson presents a brief overview and organizational framework of the course.
(Estimated time: 10 min.)

01 – How Do You Look At Things?

Examine the revised mathematics TEKS (2012) through three perspectives.
(Estimated time: 2 min.)

02 – Curriculum and Instructional Gaps

Choose a grade-band appropriate Highlighted Curriculum and Instructional Gap Analysis document to analyze the relationships between the new student expectations and the instructional gaps that need to be addressed so that students are prepared for the implementation year 2014-2015.
(Estimated time: 20 min.)

03 – Stations Activity (Tree View)

Review different grade-level activities to explore instructional implications. Consider the concepts being illustrated and how the activities may provide some clarification about the intent of the TEKS. Also consider vertical connections that you see among the grade levels and how these concepts relate to and build upon each other.
(Estimated time: 30 min.)

04 – Explore the Gaps (Leaf View)

Explore the Vertical Cohort Group Gap Analysis documents for possible gaps for a cohort group of students over the next two years.
(Estimated time: 30 min.)

05 – Action Plan

Reflect on what you have learned and complete an action plan in your journal.
(Estimated time: 20 min.)

Course Conclusion

Review the other modules available in the Introduction to the Revised Mathematics series.
(Estimated time: 2 min.)

Helpful Tips

The following are tips to help you navigate this online course:

- Access the "Materials for Download" section for transcripts, handouts, references, and other resources.

- Download the latest version of Adobe Reader to use the interactive journal PDF documents.
- For videos, use the controller bar to play, pause, fast-forward or rewind, and adjust video volume. Click the full screen button to increase the video size and click it again to return to normal video size.
- Click the "Previous" or "Next" buttons to move from one section of the course to another.
- Interactive activities in this course work best in Firefox, Chrome, or Safari browsers. If you are using Internet Explorer, you may use the Print Screen feature to capture your work in lieu of the Print button in the interactive activity.

List of Course Activities – Introduction to the Revised Mathematics TEKS (2012) - Module 3

Use this checklist to track the completion of activities in the course.

Course Introduction

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| <input type="checkbox"/> View the Introduction & Welcome video and download your grade band specific journal. Reflect on the review questions. | Video: 00:57 min. Activity: 10:00 min. |
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01 – How Do You Look At Things?

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| <input type="checkbox"/> View the video. | Videos: 00:50 min. |
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02 – Curriculum and Instructional Gaps

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| <input type="checkbox"/> View the video and analyze the Highlighted Curriculum and Instructional Gap Analysis document. Use the Side-by-Side TEKS Comparison, A Vertical Look at Key Concepts and Procedures, and the Texas Response to Curriculum Focal Points during your analysis. | Video: 02:04 min. Activity: 20:00 min. |
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03 – Stations Activity (Tree View)

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| <input type="checkbox"/> View the videos and explore the Stations Activity document for your grade level. Complete the Stations Reflection Sheet in your journal. | Videos: 02:16 min. Activity: 30:00 min. |
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04 – Explore the Gaps (Leaf View)

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| <input type="checkbox"/> View the video introduction and the video for your grade level. Explore the Vertical Cohort Group Gap Analysis documents in your journal. | Videos: 05:00 min. Activity: 30:00 min. |
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05 – Action Plan

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| <input type="checkbox"/> View the videos and complete the action plan in your journal. | Videos: 01:19 min. Activity: 20:00 min. |
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Closing Reflection

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| <input type="checkbox"/> View the video and review the other modules available in the Introduction to the Revised Mathematics series. | Video: 00:57 min. |
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