

Syllabus for TELLIT: Math Linguistic Learning Environment

Welcome

This course will help you learn how to address the linguistic needs of English Language Learners (ELL students). The Linguistic Learning Environment is one that relates to language differences and language development of students in an instructional setting, such as a classroom. During this course, you will view video segments of mathematics teachers using effective strategies that enhance mathematics instruction and promote academic language development for ELL students. You will have an opportunity to build a repertoire of instructional skills and resources that will have a positive impact on the progress and performance of your students. You may earn 2 CPE credits for this course.

1. Course Overview

In this lesson, you will review information about the course, course objective,s and a brief tutorial on navigating course activities. In addition, you will learn about:

- Second Language Acquisition for ELL students
- Use of Graphic Organizers with ELL students in math
- Levels of English Proficiency and the Texas English Language Proficiency Assessment System (TELPAS)
- Decision-making for instruction and assessment that are developmentally and linguistically appropriate for ELL students.
- Key components of the Affective Learning Environment for ELL students

2. Developing Language Objectives

In this lesson, you will learn about developing and using language objectives to reinforce the content curriculum with ELL students. This includes:

- Using the English Language Proficiency Standards as a basis for language objectives
- Writing language objectives in a way that is “student-friendly”
- Matching language objectives to content objectives for math

3. Supporting Language Objectives and Performance Assessment

In this lesson, you will review information about supporting language objectives and conducting performance assessments for ELL students. This includes:

- Sentence stems and paragraph frames
- The Teacher-Group-Student approach for modeling
- Assessment of content knowlede and language development

4. Developing Academic Vocabulary

In this lesson, you will learn about the academic language development of ELL students. You will review the significance of:

- Technical terminology and supporting language
- Academic vocabulary

- Math cognates

5. Models for Developing Academic Vocabulary

In this lesson, you will learn about two significant models for developing the academic vocabulary of students. These include:

- Marzano's 6-step process
- The Frayer Model

6. Linguistic and Instructional Accommodations for ELL Students

In this lesson, you will review some of the linguistic instructional accommodations that can be made for ELL students during instruction. You will review:

- Teacher and student testimonials about the value of making accommodations for ELL students
- Case studies for three students – Marisol, Tam Do, and Olga
- Research and rationale in support of making linguistic instructional accommodations
- Monitoring the effectiveness of accommodations for ELL students

7. Linguistic Accommodations for State Assessments

In this lesson, you will learn about linguistic accommodations that can be made for ELL students. You will review:

- Examples of linguistic accommodations for state assessments
- Case studies for two students – Alonzo and Thi
- Assessment strategies

8. Course Conclusion - Improving Instruction for ELL Students in Math

In this lesson, you will briefly review key components of the Linguistic Learning Environment. In addition, you will:

- Review the significance of using self-assessments with ELL students
- Complete your own self-assessment activity

Review for Course Quiz

The purpose of this review activity is to prepare you to successfully complete the course quiz that is available from the Epsilon course menu, located on the left-hand side of your browser window.

Helpful Tips

The following tips will help you navigate this online course:

- For animated activities, click the arrow button to continue the animation.
- Check the additional materials section for transcripts, handouts, and other resources.
- For videos, use the controller bar to fast forward or rewind. To turn captions on or off, click the speech bubble icon.
- Click the Previous or Next buttons to move from one section of the course to another.