TEACHING MATH TO MLs

Three-Read Protocol

Language Objective: I can read story problems in math.

THREE-READ PROTOCOL: HOW-TO

Before the Activity

1. Prepare story problems using a concept you're teaching.
2. Create a graphic organizer to guide students through the three different readings of the story problem.

During the Activity

1. With one story problem, model the three-read protocol. Think aloud each step to show students how to break down story problems.
   a. Read the problem once to understand the story
   b. Read a second time to understand the math
   c. Read a third time to make a plan and solve the problem
2. Students work in pairs to follow the protocol with a second story problem. This allows them to discuss each step.
3. Continue using the three-read protocol until students can do it independently.

Extra Support for MLs

During the first read, introduce the problem without numbers or the question

Show visuals to support understanding of new vocabulary

Allow students to draw pictures during the second read

Example: SM1

LT: I can use linear equations to solve real-life problems.

After learning about slope-intercept form, give students story problems reflecting real-world situations (total cost over time, distance traveled at a constant rate, etc.). Provide a 3-read graphic organizer and help students break down the problems before solving them.

Helpful Links to Learn More

- Steps, protocols, and scaffolds from SupportEd
- Three-Read Protocol from San Francisco Unified School District