What Do Students Read and Write in Math?

• Texas Essential Knowledge and Skills
  • Mathematical Process Standards
• Knowledge and skills require reading and writing in every strand
• STAAR Testing
• Math Curricula

What’s in a Mathematical Text?

• Numeric symbols
• Non-numeric symbols
• Graphs
• Sidebars
• Etc.
How is Mathematical Text Different?

• Minimal repetition
• Different page organization
• Different reading patterns
• Texts might be above grade level
• Main idea at the end in the form of a question

Strategies for Integrating Writing in Math

• Learning logs
  o How are a square and a rectangle similar?
• Math journal
  o Write reflections and observations in students’ notes
• Shared writing on mathematical topics
• Bilingual class book with word problems