

Using Literacy Strategies To Make Meaning-Guided Math

Reading Comprehension Strategies

Reading comprehension is essential for understanding math. Students need to be able to read and understand the text in their math books, as well as be able to read and understand the problems that they are asked to solve.

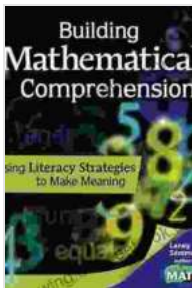
There are a number of reading comprehension strategies that can be used to help students to improve their understanding of math texts. These strategies include:

- **Previewing:** This involves looking through the text before reading it to get a sense of the topic and the main ideas.
- **Predicting:** This involves thinking about what the text is going to be about based on the title, the pictures, and the prior knowledge.
- **Visualizing:** This involves creating a mental picture of the text as you are reading it.
- **Connecting:** This involves making connections between the text and your own experiences and knowledge.
- **Summarizing:** This involves identifying the main ideas of the text and writing a brief summary.
- **Questioning:** This involves asking yourself questions about the text as you are reading it.

- **Inferring:** This involves making logical s about the text based on the information that is provided.
- **Evaluating:** This involves thinking critically about the text and making judgments about its accuracy and validity.

Vocabulary Development

Vocabulary is another essential component of math instruction. Students need to have a strong vocabulary in order to understand the mathematical concepts that they are learning.



Building Mathematical Comprehension: Using Literacy Strategies to Make Meaning (Guided Math)

by Laney Sammons

★★★★☆ 4.4 out of 5

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Screen Reader : Supported

Enhanced typesetting : Enabled

Word Wise : Enabled

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There are a number of vocabulary development strategies that can be used to help students to build their math vocabulary. These strategies include:

- **Using context clues:** This involves using the information in the text to figure out the meaning of unfamiliar words.
- **Using a dictionary:** This involves looking up the meaning of unfamiliar words in a dictionary.
- **Using flashcards:** This involves writing unfamiliar words on flashcards and studying them regularly.
- **Playing word games:** This involves playing games that help students to learn new words.
- **Participating in discussions:** This involves talking about math concepts with other students and teachers.
- **Reading math texts:** This involves reading math books, articles, and websites to learn new math vocabulary.

Communication Strategies

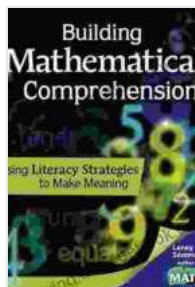
Math is a language that can be used to communicate ideas. Students need to be able to understand the different ways that math can be used to communicate in order to be successful in math class.

There are a number of communication strategies that can be used to help students to develop their math communication skills. These strategies include:

- **Writing:** This involves using written words to express mathematical ideas.
- **Speaking:** This involves using spoken words to express mathematical ideas.

- **Drawing:** This involves using diagrams and other visual representations to express mathematical ideas.
- **Using technology:** This involves using calculators, computers, and other technology tools to express mathematical ideas.

Literacy strategies can be used to make meaning-guided math instruction more effective by helping students to develop their reading comprehension skills, build their vocabulary, and communicate their mathematical understanding. By using literacy strategies in math instruction, teachers can help students to become more engaged in their learning and to develop a deeper understanding of mathematical concepts.



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