

LATM Presents - Essential Math Models that Support LSSM Instruction: Utilizing Area Models in High School Mathematics to Deepen Students' Understanding



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Students today are being asked to demonstrate certain key skills in mathematics:

- Demonstrate understanding of the math concept, not just the procedure
- · Apply their understanding to real world examples
- Use accurate procedures and skills to answer questions
- Demonstrate mathematical reasoning by explaining, justifying, or critiquing with precision

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Area Model



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By the end of the session, participants should:

- Understand the value of new models for helping students develop number sense
- Analyze the progressions of the area model

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What are the factors (dimensions) of the second box?

Raymond C. Johnson (NCTM 2011)

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Area Model

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Area Model





