

South Amherst Middle School Grade 7 Mathematics

Mathematical Practices

Time: Approximate time frame 1-2 weeks

Standard(s):

**Mathematical Practices

Big Ideas

The standards for mathematical practice will help you become a successful problem solver and to use math effectively in your daily life.

Essential Question

What practices help me explore and explain mathematics

Learning Targets:

Practice 1 - Make sense of problems and persevere in solving them.

Practice 2 - Reason abstractly and quantitatively

Practice 3 – Construct viable arguments and critique the reasoning of others

Practice 4 – Model with mathematics

Practice 5 – Use appropriate tools strategically

Practice 6 – Attend to precision

Practice 7 – Look for and make use of structure

Practice 8 – Look for and express regularity in repeated reasoning

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Textbook,

Assessments:

- **Formative:** Exit cards, bell ringers, homework practice, observations, in-class practice, student self-reflection.
- **Summative:** Assessments, Quizzes,