

Persistence in Problem Solving

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Mathematicians often work hours, days, or even years on a single problem.

Students often equate excellence in mathematics with speed in solving problems.

If they cannot find an answer quickly, they cannot or will not persist.

CCSS – Mathematics

Mathematical Practices

Based on NCTM Process Standards and NRC Strands for Mathematical Proficiency

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Project Materials

- ◆ LiveText:
 - ◆ Log in at www.livetext.com
 - ◆ Visitor Pass: 64F9CF64
- ◆ Questions or comments:
 - ◆ Dr. Mary Pat Sjostrom
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