









1	I can solve problems without giving up.	
2	I can think about numbers in many ways.	
3	I can explain my thinking and try to understand others.	
4	I can show my work in many ways.	
5	I can use math tools and tell why I chose them.	
6	I can work carefully and check my work.	
7	I can use what I know to solve new problems.	
8	I can solve problems by looking for rules and patterns.	



Standards for Mathematical Practice: A Big Deal!

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Download the Handout and Additional Resources

www.e2c2.com

- Files
 - Boston Archdiocese SMP
 - Boston Archdiocese SMP Doc
 - Boston Archdiocese SMP Posters
 - Boston Archdiocese SMP I Can
 - Boston Archdiocese SMP In Action
 - Boston Archdiocese SMP by Grade

Mathematical Practices Standards

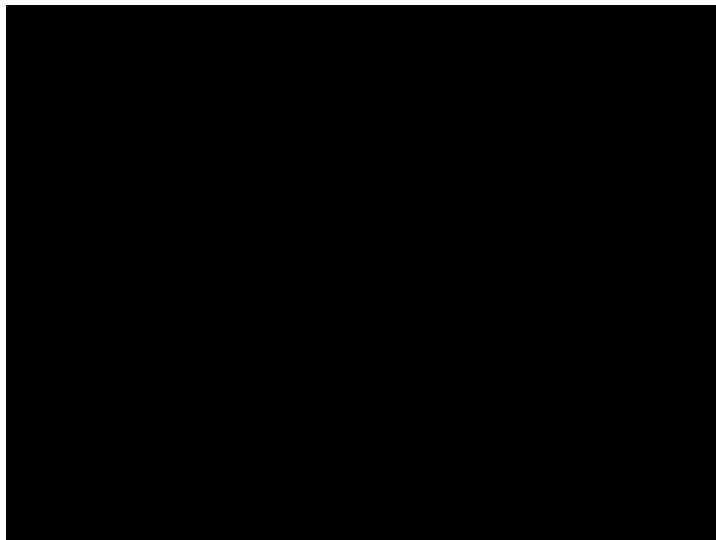
1. Make sense of complex problems and persevere in solving them.
2. Reason abstractly and quantitatively
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision
7. Look for and make use of structure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

Standards for Mathematical Practices

“Students who engage in these practices, individually and with their classmates, discover ideas and gain insights that spur them to pursue mathematics beyond the classroom walls. They learn that effort counts in mathematical achievement. Encouraging these practices in students of all ages should be **as much a goal of the mathematics curriculum as the learning of specific content.**”

– *Common Core State Standards*

Mathematical Practices in the Classroom



Something to Talk About...

- How have you taught the Standards for Mathematical Practice (SMP) to your students?
- How do you reinforce to your students that the SMP are how they are supposed to actively learn math?
- How do you reinforce your students' use of SMP?
- What examples can you share of your students using the SMP?



Tools to Consider From August or Download!



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- Standards document describing the Practices.
- Posters
- I can Statements
- Practices in Action
- Practices Grade by Grade

Take Action!

Choose an option:

1. I am not quite solid on each of the Practices, so I will review the additional handouts and make notes about what they mean. I will then plan ways to introduce these to my students.
2. I will plan ways to introduce the SMP to my students, and what I will do to continue to reinforce them.
3. I will design mathematical tasks that highlight different SMPs, or think of high-level tasks that I have and which SMPs are most used.

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