

Appendix 1: Implementing Teaching Standards

Common Core Standards for Mathematical Practice

These standards are applicable to all grade levels, from kindergarten through twelfth grade. Rather than focusing on specific mathematical tasks, these standards concentrate on various aspects of problem-solving. While these standards are written with the intention of applying them to mathematical thinking, the skills learned from them can be generalized to help students to solve problems in general.

CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them.

CCSS.Math.Practice.MP2 Reason abstractly and quantitatively.

CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others.

CCSS.Math.Practice.MP4 Model with mathematics.

CCSS.Math.Practice.MP5 Use appropriate tools strategically.

CCSS.Math.Practice.MP6 Attend to precision.

CCSS.Math.Practice.MP7 Look for and make use of structure.

CCSS.Math.Practice.MP8 Look for and express regularity in repeated reasoning.