

# Math In Focus (Singapore Math) Program

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Posted on June 11, 2012

The Brunswick School Board has adopted the Math In Focus (Singapore Math) Program. This K-5 mathematics program is modeled after the “Singapore Math” which has made Singapore a top performing nation on international comparison studies for the past 15 years. Math In Focus is solidly aligned with the Common Core of Standards and emphasizes:

- Curriculum must be focused and coherent. (Recommended by the Common Core of Standards)
- Teach to Mastery. (Recommended by the Common Core of Standards)
- Focus on Number, Geometry, and measurement in the elementary grades.(Recommended by the Common Core of Standards)
- Organize content by big ideas, such as place value. (Recommended by the Common Core of Standards)
- Make sense of problems and persevere in solving them. (Recommended by the Common Core)
- Reason abstractly and quantitatively. (Recommended by the Common Core)
- Construct viable arguments and critique the reasoning of others. (Recommended by the Common Core)
- Model with Mathematics. (Recommended by the Common Core)
- Use appropriate tools strategically. (Recommended by the Common Core)
- Attend to precision. (Recommended by the Common Core)
- Look for and make use of structure. (Recommended by the Common Core)
- Look for and express regularity in repeated reasoning. (Recommended by the Common Core)

Students will have Math In Focus books/workbooks as well as other supporting resources. Several school systems in Maine, New Hampshire, and Massachusetts have adopted this program as well and the Brunswick School Department will collaborate with the Scarborough School System as that school system has been engaged with the Math In Focus Program for the past school year. Our classroom teachers will be engaged in a three year intensive staff development program and taught by Math In Focus instructional specialists who have worked in hundreds of classrooms. Teachers will be trained in the Math In Focus pedagogy with emphasis on students demonstrating mastery of the skills being taught. They will observe demonstration lessons as well as construct and implement Math In Focus lessons. They will be coached by experts

steeped in the Singapore Math methodology and receive timely feedback. Teachers will learn how to better meet the needs of the diverse variety of learners found in each classroom.

The Math In Focus Program has both a Parent Meeting and Administrator Leadership training component to provide greater understanding of the program by parents and to garner administrative leadership support for the program.