

MATH FOR EXCELLENCE CURRICULUM

Excel 2

At this level, we continue to use Singapore Math Textbooks.

Note: Difference between Arithmetic and Algebra: Arithmetic is the most elementary branch of mathematics and operates just with numbers. **Algebra** deals with general statements of relations, utilizing letters, and other symbols to represent specific sets of numbers and values in the description of such relations. In short: Arithmetic operates just with numbers and Algebra operates with numbers and variables.

ALGEBRA

- Algebraic expressions.
- Ratio and fraction.
- Ratio and proportion.
- Percentage. Solving word problems by using unitary method.
- Speed and average speed.
- Complex fractions.

GEOMETRY

- Circles.
- Graphs.
- Solving problems with volume of solids.
- Angles in triangles and four-sided figures.
- More challenging problems from geometry.