



Mathematics Outcomes: Grade 2

1. Students will use appropriate problem solving strategies.

Students will

- Use mental math skills;
- Recognize which operations and skills are needed to solve a problem;
- Make estimates.

2. Students will understand and apply the four fundamental operations in developmentally appropriate ways.

Students will

- Use the partial sums and trade first algorithm;
- Add and subtract 1, 2 and 3-digit numbers with and without trading;
- Compare numbers (whole and fractions) using $>$, $<$, or $=$.

3. Students will utilize and interpret graphing techniques.

Students will

- Read and use data from and for graphs, not only in math, but also in science, social studies, and in other areas of the curriculum.

4. Students will understand basic geometric concepts.

Students will

- Solve problems using perimeter and area.
- Identify and classify all simple geometric shapes.
- Identify symmetrical shapes and figures.

5. Students will demonstrate knowledge of various types of measurement.

Students will

- Identify and count coins to one dollar;
- Tell and write time to five minute intervals;
- Read and use a calendar;
- Estimate and measure length and weight using non-standard and standard units;
- Identify and write fractions to $\frac{1}{3}$, $\frac{1}{2}$, and $\frac{1}{4}$.
- Read temperature to the nearest degree.
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6. Students will demonstrate an understanding of number sense and numeration.

Students will

- Identify and implement correct strategies to solve a problem.

7. Students will demonstrate knowledge and proper use of calculations and other manipulative.