



Mathematics Outcomes: Grade 4

1. Students will use appropriate problem solving strategies.

Students will

- Organize data;
- Create and solve student-generated problems.

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

Students will

- Add and subtract whole numbers;
- Multiply and divide whole numbers;
- Multiply by one and two digit factors;
- Divide by one digit factors;
- Become familiar with fractions.

3. Students will utilize and interpret graphing techniques.

Students will

- Make and read a bar graph, pictograph and line graph;
- Read and interpret data from a chart.

4. Students will understand basic geometric concepts.

Students will

- Become familiar with spheres, cylinders, cones, pyramids and prisms;
- Recognize polygons, angles, parallel and perpendicular lines.

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

Students will

- Recognize such terms as inch, foot, yard, mm, cm, m;
- Estimate and measure capacity, weight, perimeter and length;
- Review time and money skills.

6. Students will demonstrate an understanding of number sense and numeration.

Students will

- Recognize the relationship of ones, tens, hundreds, thousands and millions;
- Put numbers in order from $>$ $<$ and $<$ $>$.