



Shakopee Area Catholic School  
Math Standards and Benchmarks  
Grade Level: 1

**The students will apply skills of mathematical representations, communication and reasoning.**

1. Create and Solve word problems using actions, objects, words, pictures or numbers.
2. Estimate and check that answers are reasonable.
3. Explain to others how a problem was solved.

**The students will understand place value, ways for representing whole numbers and relationships among whole numbers. The students will understand the concept of one half.**

1. Read, write numerals for, compare and order numbers to 120.
2. Count by 2s to 30 and by 5s to 120.
3. Count backwards from 30.
4. Demonstrate understanding of odd and even quantities up to 12.
5. Represent whole numbers up to 20 in various ways, maintaining equality.
6. Identifying one half of a set of concrete objects.

**The students will be able to add and subtract one-digit whole numbers in real-world and mathematical problems.**

1. Use one-digit addition and subtraction to solve real-world and mathematical problems.
2. Find the sum of three one-digit numbers.

**The students will be able to sort, classify and compare objects based on their attributes. The students will understand repeating patterns.**

1. Sort, classify, and compare objects in a set in more than one way.
2. Recognize, describe, and extend repeating pattern involving up to four elements.

**Algebra**

1. Identify the missing addend in a problem.

**The students will gather and record data in real-world and mathematical problems.**

1. Gather and record data about classmates and their surroundings in a simple graph.
2. Identify patterns in simple graphs.

**Probability**

1. Identify the probability of the event most and/or least likely to occur.

**The students will explore the concept of symmetry in real-world situations.**

1. Explore symmetry of objects and designs through mirrors or paper folding.

**The students will use attributes of two and three-dimensional shapes to identify and distinguish between them.**

1. Sort and describe two- and three-dimensional shapes according to their geometrical attributes.

**The students will measure length, time, and money using appropriate tools or units to solve real-world and mathematical problems.**

1. Estimate and measure length and capacity using non-standard units.
2. Tell time to hour and half-hour on analog and digital clocks.
3. Using a calendar, identify the date, day of the week, month, year, yesterday, today and tomorrow.
4. Combine pennies, nickels or dimes to equal one dollar.