



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

The student 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 be able to represent quantities using whole numbers and understand relationships among whole numbers.

1. Count forward to 31, backward from 10.
2. Count the number of objects in a set and identify the quantity.
3. Compare the number of objects in two or more sets.
4. Given a number, identify one more or one less.

The students will be able to add and subtract whole numbers up to six in real world and mathematical problems.

1. Recognize the number of objects up to 6, without counting.
2. Add and subtract whole numbers up to 6, using concrete objects.

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

1. Sort objects in a set by one attribute such as size, color or thickness.
2. Identify an object that does not belong in a set.
3. Recognize, describe and extend repeating patterns involving up to three elements using objects, pictures, sounds or movements.

The students will depict data with objects and pictures.

1. Represent data about classmates or their surroundings by using objects or pictures.

The students will understand the meaning of terms used to describe location and placement of objects.

1. Locate and describe placement of objects with terms such as: on, inside, outside, above, below, over, under, beside, between, in front of, behind, next to, top, bottom.

The students will sort two- and three-dimensional shapes.

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

The students will understand terms and comparative language used in various measurement situations. The students will be able to identify tools used.

1. Compare and order objects by length, weight, volume, temperature or size and use appropriate vocabulary such as longer than, holds more, smaller.