



St. Thomas the Apostle School

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KINDERGARTEN CURRICULUM MAP - MATHEMATICS

Curriculum Maps are used as guidelines for instruction. As such, they are considered to be working documents rather than a static formula for teachers and students to follow. What this means is that there is flexibility to this map which allows for the instructor to respond to several factors: the particular needs of the current group of students, the incorporation of new material, and/or the subtraction of material. With this in mind, curriculum maps are analyzed by faculty and administration on a yearly basis for revisions. Articulation meetings also take place with the grade levels above and below to check for continuity of the curriculum.

Quarter	Content and Skills
<i>Quarter 1</i>	<p>Objects -Learn the meaning of inside, outside, over, under, on, top, middle, bottom, left, right, many, more and fewer -Be able to tell the position of an object -Sort and classify objects</p> <p>Patterns -Create a pattern and finish a pattern -Know sound, movement, color and shape patterns - Compare patterns</p> <p>Numbers 0 - 5 -Count, read and write 0-5 -Compare and order numbers 0-5 from least to greatest and the reverse -Make a graph using 0-5</p>
<i>Quarter 2</i>	<p>Numbers 6 - 10 -Count, read and write 6 - 10 -Compare and order numbers 6 - 10 from least to greatest and the reverse -Make a graph using 6 - 10</p> <p>Numbers 0 - 31 -Count, read and write 0 - 31 -Compare and order numbers 0 - 31 from least to greatest and the reverse -Make a graph using 0 - 31 -How to estimate using numbers 0 - 31 -How to identify numbers on a calendar</p> <p>Capacity & Measurement - Compare and order by capacity -Use words small, smaller, smallest & large, larger, largest, etc. -Use words to compare short, long, etc. -Use and understand measurement words -Measure length using non-standard units</p>
<i>Quarter 3</i>	<p>Time -Tell the difference between today, tomorrow and yesterday -How to say the days of the week and months of the year -How to name and describe the four seasons -Tell time to the hour on a digital and an analog clock</p> <p>Money -Identify and tell the value of a penny, nickel, dime, quarter and dollar bill -Look at a given amount of money and decide whether or not they can purchase an item with that amount</p> <p>Geometry -Identify, describe, and compare squares, spheres, rectangles, cubes, cones, cylinders, circles and triangles -Identify slide, flip and turns of shapes</p>
<i>Quarter 4</i>	<p>Addition -Identify the plus sign and know the meaning of the word sum -Count the number of objects in a group and add them together to find the sum -The students will be able to add digits from 0-10</p> <p>Subtraction -Identify the minus sign and will know the meaning of the words difference, minus, take away, subtract -Count the number of objects in a group and take one set away from the other -The students will be able to find the difference between digits from 0-10</p> <p>Skip Counting -Skip count by 2's, 5's, 10's -Be able to skip count by 2, 5, 10 to find the total number</p> <p>Numbers 0 - 100 -Count and write numbers from 0 - 100 -Fill in missing numbers from 0 - 100</p>