



# St. Thomas the Apostle School

265 King St. Crystal Lake, IL 60014  
 Ph: 815.459.0496 Fx: 815.459.0591  
[www.stthomascl.org](http://www.stthomascl.org)

## 1<sup>ST</sup> GRADE 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>Patterns            -Identify, create, and translate shape patterns            -Identify, create, and translate number patterns</p> <p>Ordering            -Comparing and ordering numbers from 0 - 20</p> <p>Addition            -Understanding horizontal and vertical addition from 0 - 20</p> <p>Subtraction            -Understanding horizontal and vertical subtraction from 0 - 20            -Use subtraction to compare objects in order to problem solve</p>
<i>Quarter 2</i>	<p>Addition/Subtraction            -Introduce mental math strategies including counting back and using doubles for learning basic subtraction facts from 0 - 20            -Identifying fact families for addition and subtraction facts from 0 - 20</p> <p>Geometry/Fractions            -Introduce symmetry            -Determine if a shape is equal or unequal            -Identify and show half, third and fourth of a region</p> <p>Plane/Solid Figures            -Name plane and solid figures            -Recognize figures in the environment            -Relate plane shapes to solid figures</p> <p>Place Value, Data &amp; Graphs            - Numbers made with Tens            - Tens and ones            - Comparing and ordering numbers            - Less than, Equal than            - Number line            - Ordering numbers            -</p>
<i>Quarter 3</i>	<p>Counting            -Counting to 100 using sets            -Skip counting            -Count sets that are grouped in 10's and leftover ones            -Use a group of ten as guide to estimate quantities up to 100</p> <p>Time            -Determine if event takes more/less than one minute            -Identify hour and minute hand on a clock            -Write time to the hour and half hour on analog and digital clock</p> <p>Money            -Know value of penny, nickel, dime, and quarter            -Count collections of coins            -Identify quarter and find groups of coins that have the same monetary value            -Identify combination of coins up to one dollar            -Show amounts with fewest coins up to one dollar</p> <p>Special Numbers            -Identify ordinal numbers to the 20<sup>th</sup>            -Odd and even numbers</p>
<i>Quarter 4</i>	<p>Graphing            -Sort objects by attribute            -Experiment and record data using tally marks            -Collect data and organize into a picture graph and bar graph            -Draw conclusions from graph</p> <p>Temperature            -Introduce estimating and measuring temperature in customary and metric systems            -Temperatures based on how hot or cold something is</p> <p>Weight            -Introduce estimating and measuring weight in customary and metric systems            -Tell how heavy or light an object is</p> <p>Length            -Review measuring with non standard units            -Identify inch and foot in standard units            -Identify centimeter            -Develop understanding of perimeter</p>