



**3rd Grade Math**  
**Year at a Glance (YAG)**  
**2021-2022**



| First Semester                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Second Semester                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>1<sup>st</sup> Nine Weeks – 42 days</b> (August 16 <sup>th</sup> – October 13 <sup>th</sup> )<br><i>September 6<sup>th</sup> – Labor day – No School</i><br><i>October 11<sup>th</sup> – Staff Development</i>                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>3<sup>rd</sup> Nine Weeks – 44 days</b> (January 3 <sup>rd</sup> – March 4 <sup>th</sup> )<br><i>January 17<sup>th</sup> – MLK – No School</i><br><i>February 21<sup>st</sup> – Staff Development</i><br><i>March 7<sup>th</sup> – 11<sup>th</sup> – Spring Break</i>                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>TEKS</b><br>3.1 <a href="#">ACDEG</a><br><a href="#">G</a><br>3.2 <a href="#">ABD</a><br><br>3.1 <a href="#">ABCDEF</a><br>3.2 <a href="#">C</a><br>3.4 <a href="#">ABC</a><br>3.5 <a href="#">A</a><br>3.7 <a href="#">B</a><br><br>3.1 <a href="#">ABCDEF</a><br>3.4 <a href="#">AK</a><br>3.5 <a href="#">AB</a><br>3.8 <a href="#">B</a>                                                                                                                                                   | <b>Foundations of Numbers - 15 Days</b><br>Part of TCMPC Unit 1 (Part of Pearson Topic 1)<br><a href="#">Foundations of Number</a> – <a href="#">Establecer las bases del sentido numérico</a><br>This unit addresses composing and decomposing numbers up to 1,000, identifying base-10 relationships through the thousands place, and comparing and ordering.<br><br><b>Addition and Subtraction- 21 Days</b><br>TCMPC Unit 2 (Pearson Topics 2 & 3)<br><a href="#">Addition and Subtraction</a> – <a href="#">La suma y la resta</a><br>This unit addresses estimating, solving, and representing one- and two-step addition and subtraction problems; determining the perimeter of a polygon; and determining the value of a collection of coins and bills.<br><br><b>Intro to Data Analysis - 6 Days</b><br>*Data analysis spirals throughout the year<br>TCMPC Unit 4 (Pearson Topic 15) - 6 days<br><a href="#">Data Analysis</a> – <a href="#">Análisis de datos</a><br>This unit addresses introductory analysis of pictographs and bar graphs using addition and subtraction as well as simple dot plots with one-to-one correspondence.                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>TEKS</b><br>3.1 <a href="#">ACDEG</a><br>3.2 <a href="#">ABD</a><br><br>3.1 <a href="#">ACDEFG</a><br>3.3 <a href="#">ABCDE</a><br><a href="#">FGH</a><br>3.7 <a href="#">A</a><br><br>3.1 <a href="#">ACDEFG</a><br>3.6 <a href="#">ABE</a><br><br>3.1 <a href="#">ACDEFG</a><br>3.6 <a href="#">ABE</a>                                                                                                                     | <b>Foundations of Numbers Part 2 - 5 Days</b><br>Part of TCMPC Unit 1 (Part of Pearson Topic 1)<br><a href="#">Foundations of Number</a> – <a href="#">Establecer las bases del sentido numérico</a><br>This unit addresses composing and decomposing numbers up to 100,000, identifying base-10 relationships through the hundred thousands place, and comparing and ordering.<br><br><b>Fractions - 29 Days</b><br>(Pearson Topic 11)<br>TCMPC Unit 6 (~10 days) <a href="#">Representing Fractions</a> – <a href="#">Representación de fracciones</a><br>TCMPC Unit 11 (~12 days)<br><a href="#">Equivalency and Comparisons</a> – <a href="#">Fracciones – Equivalencia y comparación</a><br>TPMPC Unit 14 (~7 days)<br><a href="#">Essential Fractional Understanding</a> – <a href="#">Comprensión esencial de las partes fraccionarias</a><br>This unit addresses representing and explaining fractional units and equivalent fractions, and comparing fractions with like numerators or denominators.<br><br><b>Geometry - 10 Days</b><br>TCMPC Unit 10 (Pearson Topic 12)<br><a href="#">Two- and Three-Dimensional Figures</a> – <a href="#">Figuras de dos dimensiones y sólidos de tres dimensiones</a><br>This unit addresses sorting and classifying two- and three-dimensional figures.                                                                                                                                                                                                 |
| <b>2<sup>nd</sup> Nine Weeks – 43 days</b> (October 14 <sup>th</sup> – December 17 <sup>th</sup> )<br><i>November 22<sup>nd</sup> – 26<sup>th</sup> – Thanksgiving Break</i><br><i>December 20<sup>th</sup> – December 31<sup>st</sup> – Holiday Break</i>                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>4<sup>th</sup> Nine Weeks – 51 days</b> (March 14 <sup>th</sup> – May 25 <sup>th</sup> )<br><i>April 8<sup>th</sup> – Battle of Flowers – No School</i><br><i>April 15<sup>th</sup> – Good Friday – No School</i>                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>TEKS</b><br>3.1 <a href="#">ACDEFG</a><br>3.4 <a href="#">DEFK</a><br>3.5 <a href="#">BC</a><br>3.6 <a href="#">C</a><br><br>3.1 <a href="#">ACDEFG</a><br>3.4 <a href="#">FGHIJ</a><br><a href="#">K</a><br>3.5 <a href="#">D</a><br><br>3.1 <a href="#">ABCDEF</a><br>3.4 <a href="#">GIJK</a><br>3.5 <a href="#">B</a><br>3.6 <a href="#">C</a><br><br>3.1 <a href="#">ABCDEF</a><br>3.4 <a href="#">AGK</a><br>3.5 <a href="#">ABDE</a><br>3.6 <a href="#">D</a><br>3.8 <a href="#">AB</a> | <b>Understanding of Multiplication - 12 Days</b><br>TCMPC Unit 3 (Pearson Topics 4 & 5)<br><a href="#">Building an Understanding of Multiplication</a> – <a href="#">Establecer las bases de la multiplicación</a><br>This unit addresses using a variety of models, strategies, and properties of operations to represent and solve multiplication problems including problems related to area.<br><br><b>Understanding Multiplication and Division- 10 Days</b> TCMPC Unit 5 (Pearson Topic 6 & 7)<br><a href="#">Relating Multiplication to Division</a> – <a href="#">Relacionar la multiplicación con la división</a><br>This unit addresses the relationship between multiplication and division.<br><br><b>Application of Multiplication &amp; Division – 8 Days (**including spiral of data analysis)</b><br>TCMPC Unit 7 (Pearson Topic 8 & 9)<br><a href="#">Application of Multiplication and Division</a><br><a href="#">Aplicación de la multiplicación y la división</a><br>This unit addresses solving one- and two-step multiplication and division problem situations using a variety of strategies, including the standard algorithm.<br><br><b>Algebraic Reasoning - 13 Days</b><br>TCMPC Unit 9 (Pearson Topic 10) - 13 days<br><a href="#">Algebraic Reasoning</a> – <a href="#">Razonamiento algebraico</a><br>This unit addresses representing and solving one- and two-step addition, subtraction, multiplication, and division problems; representing relationships using number pairs in tables; and summarizing a data set using a frequency table, dot plot, pictograph, or bar graph | <b>TEKS</b><br>3.1 <a href="#">ACDEFG</a><br>3.6 <a href="#">C</a><br>3.7 <a href="#">B</a><br>3.1<br><br>3.1 <a href="#">ABCEFG</a><br>3.6 <a href="#">CD</a><br>3.7 <a href="#">BCDE</a><br><br>3.1 <a href="#">ACDEFG</a><br>3.8 <a href="#">A</a><br><br>3.1 <a href="#">ABCDEF</a><br>3.4 <a href="#">AK</a><br>3.5 <a href="#">AB</a><br>3.8 <a href="#">B</a><br><br>3.1 <a href="#">AG</a><br>3.9 <a href="#">ABCDEF</a> | <b>Measurement and Operations - 15 days</b><br>TCMPC Unit 15 (Pearson Topic 13)<br><a href="#">Measurable Attributes of Geometric Figures</a> – <a href="#">Atributos medibles de las figuras Geométricas</a><br>This unit addresses solving problems involving the area and perimeter of rectangles with whole number dimensions.<br><br><b>Measurement - 10 Days</b><br>TCMPC Unit 12 (Pearson Topic 14)<br><a href="#">Measurement</a> – <a href="#">Medición</a><br>This unit addresses determining the area of a rectangle or a composite figure, determining perimeter, time intervals, and determining weight and volume.<br><br><b>Essential Operational Understandings – 16 Days</b><br>TCMPC Unit 13 (Cont. Pearson Topic 15)<br><a href="#">Essential Operations Understandings</a> – <a href="#">Comprensión esencial de las operaciones</a><br>This unit addresses representing and solving one- and two- step addition, subtraction, multiplication, and division problems, including problems using categorical data represented with a frequency table, dot plot, pictograph, or bar graph.<br><br><b>Personal Financial Literacy- 10 Days</b><br>TCMPC Unit 8 (Pearson Topic 16)<br><a href="#">Personal Financial Literacy</a> – <a href="#">Comprensión de finanzas personales</a><br>This unit addresses the connections between human capital/labor and income, availability and scarcity of resources, and decisions related to spending, saving, credit, and charitable giving. |