



**3rd Grade Math
Year at a Glance (YAG)
2022-2023**



First Semester		Second Semester	
1st Nine Weeks – 41 days (August 15 th – October 12 th) <i>September 5th – Labor day – No School</i> <i>October 10th – Columbus Day – No School</i>		3rd Nine Weeks – 47 days (January 3 rd – March 10 th) <i>January 16th – MLK – No School</i> <i>February 20th – Staff Development</i> <i>March 13th – 17th – Spring Break</i> <i>March 20th – Staff Development</i>	
TEKS 3.1 ACDE G 3.2 ABD 3.1 ABCDEF 3.2 C 3.4 ABC 3.5 A 3.7 B 3.1 ABCDEF 3.4 AK 3.5 AB 3.8 B	Foundations of Numbers - 15 Days Part of TCMPC Unit 1 (Part of Pearson Topic 1) Foundations of Number – Establecer las bases del sentido numérico This unit addresses composing and decomposing numbers up to 1,000, identifying base-10 relationships through the thousands place, and comparing and ordering. Addition and Subtraction- 21 Days TCMPC Unit 2 (Pearson Topics 2 & 3) Addition and Subtraction – La suma y la resta 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. Intro to Data Analysis - 6 Days *Data analysis spirals throughout the year TCMPC Unit 4 (Pearson Topic 15) - 6 days Data Analysis – Análisis de datos 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.	TEKS 3.1 ACDEG 3.2 ABD 3.1 ACDEFG 3.3 ABCDE FGH 3.7 A 3.1 ACDEFG 3.6 ABE	Foundations of Numbers Part 2 - 5 Days Part of TCMPC Unit 1 (Part of Pearson Topic 1) Foundations of Number – Establecer las bases del sentido numérico This unit addresses composing and decomposing numbers up to 100,000, identifying base-10 relationships through the hundred thousands place, and comparing and ordering. Fractions - 29 Days (Pearson Topic 11) TCMPC Unit 6 (~10 days) Representing Fractions – Representación de fracciones TCMPC Unit 11 (~12 days) Equivalency and Comparisons – Fracciones – Equivalencia y comparación TCMPC Unit 14 (~7 days) Essential Fractional Understanding – Comprensión esencial de las partes fraccionarias This unit addresses representing and explaining fractional units and equivalent fractions, and comparing fractions with like numerators or denominators. Geometry - 10 Days TCMPC Unit 10 (Pearson Topic 12) Two- and Three-Dimensional Figures – Figuras de dos dimensiones y sólidos de tres dimensiones This unit addresses sorting and classifying two- and three-dimensional figures.
2nd Nine Weeks – 42 days (October 13 th – December 16 th) <i>November 21st – 25th – Thanksgiving Break</i> <i>December 19th – January 1st – Holiday Break</i> <i>January 2nd – Staff Development</i>		4th Nine Weeks – 45 days (March 21 st – May 24 th) <i>April 7th – Battle of Flowers – No School</i> <i>April 28th – Good Friday – No School</i>	
TEKS 3.1 ACDEFG 3.4 DEFK 3.5 BC 3.6 C 3.1 ACDEFG 3.4 FGHIJ K 3.5 D 3.1 ACDEFG 3.4 GIJK 3.5 B 3.6 C 3.1 ACDEFG 3.4 AGK 3.5 ABDE 3.6 D 3.8 AB	Understanding of Multiplication - 12 Days TCMPC Unit 3 (Pearson Topics 4 & 5) Building an Understanding of Multiplication – Establecer las bases de la multiplicación This unit addresses using a variety of models, strategies, and properties of operations to represent and solve multiplication problems including problems related to area. Understanding Multiplication and Division- 10 Days TCMPC Unit 5 (Pearson Topic 6 & 7) Relating Multiplication to Division – Relacionar la multiplicación con la división This unit addresses the relationship between multiplication and division. Application of Multiplication & Division – 8 Days (**including spiral of data analysis) TCMPC Unit 7 (Pearson Topic 8 & 9) Aplicación de Multiplicación and División Aplicación de la multiplicación y la división This unit addresses solving one- and two-step multiplication and division problem situations using a variety of strategies, including the standard algorithm. Algebraic Reasoning - 13 Days TCMPC Unit 9 (Pearson Topic 10) - 13 days Algebraic Reasoning – Razonamiento algebraico 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	TEKS 3.1 ABCDEF 3.6 C 3.7 B 3.1 ABCEFG 3.6 CD 3.7 BCDE 3.1 ACDEFG 3.8 A 3.1 ABCDEF 3.4 AK 3.5 AB 3.8 B 3.1 AG 3.9 ABCDE	Measurement and Operations - 15 days TCMPC Unit 15 (Pearson Topic 13) Measurable Attributes of Geometric Figures – Atributos medibles de las figuras Geométricas This unit addresses solving problems involving the area and perimeter of rectangles with whole number dimensions. Measurement - 10 Days TCMPC Unit 12 (Pearson Topic 14) Measurement – Medición This unit addresses determining the area of a rectangle or a composite figure, determining perimeter, time intervals, and determining weight and volume. Essential Operational Understandings – 16 Days TCMPC Unit 13 (Cont. Pearson Topic 15) Essential Operations Understandings – Comprensión esencial de las operaciones 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. Personal Financial Literacy- 10 Days TCMPC Unit 8 (Pearson Topic 16) Personal Financial Literacy – Comprensión de finanzas personales 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.