3rd Grade Math
Year at a Glance (YAG)
2020-2021

First Semester	Second Semester
1st Nine Weeks – 42 days (August 17th – October 14th) *September 7th – Labor Day School Holiday* *October 12th – Staff Development Student Holiday*	**3rd Nine Weeks – 43 days** (January 4th – March 5th) *January 18th – MLK Day School Holiday* *February 15th – President's Day Staff Dev./Student Holiday* *March 8th – 12th Spring Break*

First Semester — 1st Nine Weeks

TEKS
3.1ACDEG
3.2ABD

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.

TEKS
3.1
ABCDEFG
3.2C
3.4ABC
3.5A
3.7B

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.

TEKS
3.1
ABCDEFG
3.4AK
3.5AB
3.8B

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.

Second Semester — 3rd Nine Weeks

TEKS
3.1ACDEG
3.2ABD

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.

TEKS
3.1
ACDEFG
3.3ABCDE
FGH
3.7A

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
TPMPC 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.

TEKS
3.1
ACDEFG
3.6 ABE

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.

First Semester	Second Semester
2nd Nine Weeks – 41 days (October 15th – December 18th) *November 13th – Holiday* *November 23rd – 27th Thanksgiving Break* *December 21st – January 1st Winter Break*	**4th Nine Weeks – 52 days** (March 15th – May 27rd) *April 2nd – Good Friday School Holiday* *April 23rd – Battle of Flowers School Holiday*

First Semester — 2nd Nine Weeks

TEKS
3.1
ACDEFG
3.4DEFK
3.5BC
3.6C

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.

TEKS
3.1
ACDEFG
3.4FGHIJK
3.5D

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.

TEKS
3.1
ABCDEFG
3.4GIJK
3.5B
3.6C

Application of Multiplication & Division – 8 Days (including spiral of data analysis)**
TCMPC Unit 7 (Pearson Topic 8 & 9)
Application of Multiplication and Division
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.

TEKS
3.1
ABCDEFG
3.4AGK
3.5ABDE
3.6D
3.8AB

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

Second Semester — 4th Nine Weeks

TEKS
3.1
ABCDEFG
3.6C
3.7B
3.1

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.

TEKS
3.1
ABCEFG
3.6CD
3.7BCDE

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.

TEKS
3.1
ACDEFG
3.8A
3.1
ABCDEFG
3.4AK
3.5AB
3.8B

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.

TEKS
3.1 AG
3.9 ABCDEF

Personal Financial Literacy- 10 Days
TCMPC Unit 8 (Pearson Topic 16)
Personal Financial Literacy –
Comprensión de finanzas personales
This unite addresses the connections between human capital/labor and income, availability and scarcity of resources, and decisions related to spending, saving, credit, and charitable giving.