Oakview Preparatory School

Grade 2 Math

Long Range Lesson Plans

2023-2024

Based On

North American Division and New York State Standards

Teacher: Ms. Joan Leslie

Mathematics

Textbook: **Big Ideas**

Supplementary Material: **Go Math**
                                 Mathematics in Action
                                 Macmillan Math
                                 Harcourt
                                 www.ixl.com
                                 www.splashlearn

August/September   **Odd and Even Numbers, Arrays**   Textbook Alignment: Chapter 1
                       Representing even and odd numbers
                       Equal Groups
                       Making Arrays
                       Addition and subtraction strategies to 20

October/November   **Digit Addition**   Textbook Alignment: Chapters 2 - 4
                       Add using a number line
                       Place value
                       Addition to 100 strategies
                       Partial sums
                       Adding two-digit numbers
                       Adding 3 two-digit numbers
                       Problem solving

December   **2 -Digit Subtraction**   Textbook Alignment: Chapter 5
                       Subtraction using a number line
                       Using addition to subtract
                       Use compensation to subtract
                       Problem solving
                       2-Digit Subtraction with Regrouping   Textbook Alignment: Chapter 6
                       Using models to subtract a 1-digit number from 2-digit numbers
                       Using models to subtract 2-digit numbers
                       Using addition to check subtraction
                       Problem solving

January   **Understanding Place Value to 1000**   Textbook Alignment: Chapters 7- 9
                       Identifying groups of 10 10s as 100
                       Modeling numbers to 1000
                       Representing numbers in different ways
                       Writing 3-digit numbers
                       Counting to 120 in different ways
                       Place value patterns

Comparing numbers >, <, or =

February	**<u>3-Digit Addition and Subtraction</u>**	Textbook Alignment: Chapter 10

Adding 10 to 3-digit numbers
Subtracting 10 from 3-digit numbers
Adding and subtracting 3-digit numbers using a number line
Subtract from numbers that contain zeros
Add up to 4 two-digit numbers
Explain addition and subtraction strategies

March **<u>Measurement</u>** Textbook Alignment: Chapters 11 & 12

Measure and estimate length in metric units
Measure and estimate length using customary units
Measure and compare lengths
Problem solving

<u>Represent and Interpret Data</u> Textbook Alignment: Chapter 13

Sort and organize data
Make and interpret picture and bar graphs
Measure objects and make line plots

April **<u>Money and Time</u>** Textbook Alignment: Chapter 14

Find the value of coins and bills
Show amounts in different ways
Making change from a dollar
Tell time to the nearest five minutes
Tell time before and after the hour
Relate A.M. and P.M.

May/June **<u>Geometry and Fractions</u>** Textbook Alignment: Chapter 15

Identifying two and three-dimensional shapes
Describing attributes of two and three-dimensional shapes
Identifying and counting angles in two-dimensional shapes
Sorting two-dimensional shapes
Identifying 2, 3, or 4 equal shares
Showing equal shares of a whole
Describing equal parts

<u>Multiplication</u> Harcourt: Chapter 30

Relating addition to multiplication
Multiplication (2, 3, 4, 5, 10 times tables)

Enrichment Projects