

Oakview Preparatory School

Grade 3 Math Long Range Lesson Plans

Based On

North American Division and New York State Standards

Teacher: Mr. Barrington Anderson, BS

Mathematics

Textbook: Big Ideas
 Supplementary Material: Go Math
 Supporting the Standards Foundational Mathematics 3
 Common Core Coach
www.ixl.com

Month	Topics	Textbook Alignment
September	<u>Understanding Multiplication and Division</u> Use Equal Groups to Multiply Use Arrays to Multiply Multiply in Any Order Divide: Size of Equal Groups Use Number Line to Multiply and Divide	Chapter 1
October	<u>Multiplication Facts and Strategies</u> Multiply by 2, 5, 10, 0, 1 Use the Distributive Property Problem Solving: Multiplication <u>More Multiplication Facts and Strategies</u> Multiplication by 3, 6, 7, 8, 9, Practice Multiplication Strategies Multiply Three Factors More Problem Solving: Multiplication	Chapter 2 Chapter 3
November	<u>Division Facts and Strategies</u> Use Arrays to Divide Relate Multiplication and Division Divide by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Practice Division Strategies Problem Solving: Division	Chapter 4
December	<u>Patterns and Fluency</u> Identify Patterns in the Multiplication Table Use and Complete Multiplication Tables Problem Solving <u>Relate Area to Multiplication</u> Understand Area Measure Area Using Standard Units	Chapter 5 Chapter 6

Area and the Distributive Property

January

Round and Estimate Numbers

Chapter 7

Place Value
Rounding Numbers Using a Number Line
Round Numbers Using Place Value
Estimate Sums
Estimate Differences

Add and Subtract Multidigit Numbers

Chapter 8

Identify Addition Properties
Use Number Lines to Add and Subtract
Use Mental Math to Add and Subtract
Use Partial Sums to Add
Add and Subtract Three-Digit Numbers
Relate Addition and Subtraction
Problem Solving: Addition and Subtraction

February

Multiples and Problem Solving

Chapter 9

Multiply by Multiples of 10 Using:
Number Lines
Place Value
Associative and Distributive Properties
Problem Solving: Multiplication and Division
Problems Solving: All Operations

Understand Fractions

Chapter 10

Equal Parts of a Whole
Understanding a Unit Fraction
Write Fractions of a Whole
Plot Fractions on a Number Line Less Than/Greater Than 1

March

Understand Fraction Equivalence and Comparison

Chapter 11

Equivalent Fractions on a Number Line
Relate Fractions to Whole Numbers
Compare Fractions with the Same Denominator/Numerator
Compare Fractions on a Number Line
Compare and order Fractions

Understand Time, Liquid, Volume, and Mass

Chapter 12

Time to the Nearest Minute
Measure Elapsed Time Within the Hour
Measure Elapsed Time Across the Hour
Read Calendars
Problem Solving: Time Interval Problems
Understand and Estimate Liquid Volume
Measure Liquid Volume
Understand and Estimate Mass
Measure Mass
Measure Temperature

April

Classify Two-Dimensional Shapes

Identify Sides and Angles of Quadrilaterals

Describe, Classify and Draw Quadrilaterals

Relate Shapes and Fractions.

Represent and Interpret Data

Read and Interpret Picture Graphs and Bar Graphs

Make Picture Graphs, Bar Graphs, and Line Plots

Measure Lengths: Half Inch, Quarter Inch

[Chapter 13](#)

[Go Math 12.9](#)

[Chapter 14](#)

May/June

Find Perimeter and Area

Understand Perimeter

Find Perimeter of Polygons

Find Unknown Side Lengths

Same Perimeter, Different Areas

Same Area, Different Perimeters

[Chapter 15](#)

Enrichment

Projects