Grade 2 Math Timeline

Content Area: **Mathematics**
Course(s): **Math 2**
Time Period: **36 Weeks**
Length: **180 Days**
Status: **Published**

Mandated Course of Study/Topical Outline with Timeline

Unit	Topic	Days
1. Building Foundations for Addition and Subtraction	• Addition Fact Strategies • Doubles and Near Doubles • Make a 10 to Add • Addition Fact Patterns • Count on and Count Back to Subtract • Think Addition to Subtract • Even and Odd Numbers • Use and Make Arrays to Find Totals • Problem Solving	24 days
2. Adding and Subtracting Within 100	• Add Tens and Ones on a Hundred Chart and Number Line • Break Apart Numbers to Add • Add Using Compensation • Practice Adding Using Strategies • Solve One- Step and Two-Step Problems • Problem Solving:Construct Arguments • Add 2-Digit Numbers Using Models • Continue to Add 2-Digit Numbers Using Models • Add with Partial Sums • Add Using Mental Math and Partial Sums • Break Apart Numbers and Add Using Mental Math	35 days

	• Add More Than Two 2-Digit Numbers • Practice Adding Using Strategies • Problem Solving:Model with Math • Subtract Tens and Ones on a Hundreds Chart • Count Back to Subtract on an Open Number Line • Break Apart Numbers to Subtract • Subtract Using Compensation • Practice Subtraction Using Strategies • Problem Solving:Critique Reasoning	
3. Applying Addition and Subtraction	• • Subtract 1-Digit Numbers Using Models • Subtract 2-Digit Numbers Using Models • Subtract Using Partial Differences • Practice Subtracting • Solve One-Step and Two-Step Problems • Problem Solving:Reasoning • Represent Addition and Subtraction Problems • Solve Addition and Subtraction Problems • Solve Two-Step Problems • Make True Equations	27 days
4. Applying Math to Life	• • Solve Problems with Coins • Solve Problems with Dollar Bills • Problem Solve using Reasoning • Tell and write Time to Five Minutes	12 days

	• Tell Time Before and After the Hour • Understand A.M and P.M.	
5. Adding and Subtracting Within 1,000	• • Understand Hundreds • Models and 3-Digit Numbers • Name Place Values • Read and Write 3-Digit Numbers • Different Ways to Name the Same Number • Place-Value Patterns with Numbers • Skip Count by 5, 10, 100 and 1000 • Compare Numbers Using Place Value • Compare Numbers on a Number Line • Problem Solve by looking for and using Structure • Add and Subtract 10 and 100 • Add and Subtract on an Open Number Line • Add and Subtract Using Models • Add UsingPlace Value and Partial Sums • Explain Addition and Subtraction Strategies • Use Repeated Reasoning to Problem Solve • Problem Solve with Perseverance	36 days
6. Measurement & Geometry	• • Estimate Length • Measure with Inches, Feet and Yards • Measure with Centimeters and Meters • Compare Lengths • Problem Solve with Precision • 2-Dimensional Shapes	29 days

	• Polygons and Angles • Cubes • Equal Shares • Partition Shapes • Problem Solve with Repeated Reasoning • Add and Subtract with Measurements • Find Unknown Measurements • Add and Subtract on a Number Line • Problem Solve Using Appropriate Tools	
7. Analyzing Data	• • Line Plots • Bar Graphs • Picture Graphs • Draw Conclusions from Graphs • Problem Solve with Reasoning	8 days
8. Step Up to Grade 3	• • Relate Multiplication and Addition • Arrays and Properties • Division: How Many in Each Group • Division: How Many Equal Groups • Use Partial Sums to Add • Use Regrouping to Add • Use Partial Differences to Subtract • Use Regrouping to Subtract • Partition Regions into Equal Parts • Fractions and Regions	9 days