<table>
<thead>
<tr>
<th>Unit of Study</th>
<th>Central Theme</th>
<th>Essential Question(s)</th>
<th>Resources</th>
<th>Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1</td>
<td>Numbers &amp; Operations in Base Ten</td>
<td>How do you use place value to find the values of numbers and describe numbers in different ways? How can you use place value to model, write, and compare three digit numbers?</td>
<td>Go Math Worktext - Chapter 1 (Lessons 1-9), Chapter 2 (Lessons 1-12) Go Math Assessments - Mid-Chapter Checkpoint, Chapter Test Grab and Go Resources <a href="http://www.math-aids.com/">http://www.math-aids.com/</a> iPad Judy Clock Fact Fluency Sheets White Board Practice Go Math Resources - Intervention Kit, Reteach Blackline Masters Books, Enrich Blackline Masters Books, Digital Resources</td>
<td>CC.2.1.2.B.1 Use place-value concepts to represent amounts of tens and ones and to compare three digit numbers. CC.2.1.2.B.2 Use place-value concepts to read, write, and skip count to 1000. CC.2.1.2.B.3 Use place-value understanding and properties of operations to add and subtract within 1000.</td>
</tr>
<tr>
<td></td>
<td>Operations and Algebraic Thinking</td>
<td>How can you use patterns and strategies to find sums and differences for basic facts? How do you use</td>
<td>Go Math Worktext - Chapter 3 (Lesson 1-11), Chapter 4 (Lesson 1-12) Go Math Assessments - Mid-Chapter Checkpoint, Chapter Test Grab and Go Resources <a href="http://www.math-aids.com/">http://www.math-aids.com/</a></td>
<td>CC.2.2.2.A.1 Represent and solve problems involving addition and subtraction within 100. CC.2.2.2.A.2 Use mental strategies to add and subtract within 20. CC.2.2.2.A.3 Work with equal groups of objects to gain foundations for multiplication.</td>
</tr>
</tbody>
</table>

2nd Grade Scope and Sequence: Math
| Unit 2 | October 17 – November 23 | place value to add two digit numbers, and what are some different ways to add two digit numbers? | iPad  
Judy Clock  
Fact Fluency Sheets  
White Board Practice  
Go Math Resources  
- Intervention Kit  
- Reteach Blackline Masters Books  
- Enrich Blackline Masters Books  
- Digital Resources | Use place-value understanding and properties of operations to add and subtract within 1000.  
**CC.2.2.2.A.1**  
Represent and solve problems involving addition and subtraction within 100.  
**CC.2.2.2.A.2**  
Use mental strategies to add and subtract within 20.  
**CC.2.2.2.A.3**  
Work with equal groups of objects to gain foundations for multiplication. |
| --- | --- | --- | --- | --- |
| Unit 3 | November 28 – January 27 (Buffer Week) | Numbers & Operations in Base Ten/Operations and Algebraic Thinking  
How do you use place value to subtract two digit numbers with and without regrouping?  
What are some strategies for adding and subtracting three digit numbers? | Go Math Worktext  
- Chapter 5 (Lesson 1-11)  
- Chapter 6 (Lessons 1-10)  
Go Math Assessments  
- Mid-Chapter Checkpoint  
- Chapter Test  
Grab and Go Resources  
iPad  
Judy Clock  
Fact Fluency Sheets  
White Board Practice  
Go Math Resources  
- Intervention Kit  
- Reteach Blackline Masters Books  
- Enrich Blackline Masters Books | **CC.2.1.2.B.1**  
Use place-value concepts to represent amounts of tens and ones and to compare three digit numbers.  
**CC.2.1.2.B.2**  
Use place-value concepts to read, write, and skip count to 1000.  
**CC.2.1.2.B.3**  
Use place-value understanding and properties of operations to add and subtract within 1000.  
**CC.2.2.2.A.1**  
Represent and solve problems involving addition and subtraction within 100.  
**CC.2.2.2.A.2**  
Use mental strategies to add and subtract within 20. |
| Unit 4 | Measurement and Data | How do you use the values of coins and bills to find the total value of a group of money, and how do you read times shown on analog and digital clocks? How do tally charts, picture graphs, and bar graphs help you solve problems? | Go Math Worktext  
• Chapter 7 (Lessons 1-11)  
• Chapter 10 (Lesson 1-6)  
Go Math Assessments  
• Mid-Chapter Checkpoint  
• Chapter Test  
Grab and Go Resources  
http://www.math-aids.com/  
iPad  
Judy Clock  
Fact Fluency Sheets  
White Board Practice  
Go Math Resources  
• Intervention Kit  
• Reteach Blackline Masters Books  
• Enrich Blackline Masters Books  
• Digital Resources | CC.2.2.2.A.3  
Work with equal groups of objects to gain foundations for multiplication. |
| --- | --- | --- | --- | --- |
| Unit 5 | Measurement and Data | What are some of the methods and tools that can be used to estimate and measure length? | Go Math Worktext  
• Chapter 8 (Lessons 1-9)  
• Chapter 9 (Lessons 1-7)  
Go Math Assessments  
• Mid-Chapter Checkpoint  
• Chapter Test | CC.2.4.2.A.1  
Measure and estimate lengths in standard units using appropriate tools.  
CC.2.4.2.A.2  
Tell and write time to the nearest five minutes using both analog and digital clocks.  
CC.2.4.2.A.3  
Solve problems and make change using coins and paper currency with appropriate symbols. |
<table>
<thead>
<tr>
<th>Unit 6</th>
<th>Geometry</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 18 – May 12</td>
<td></td>
</tr>
</tbody>
</table>

**What are some two dimensional shapes and three dimensional, and how can you show equal parts of shapes?**

**Ready Resources**
- Go Math
  - Chapter 11 (Lessons 1-10)
- Go Math Assessments
  - Mid-Chapter Checkpoint
  - Chapter Test
- Grab and Go Resources
  - iPad
  - Judy Clock
  - Fact Fluency Sheets
  - White Board Practice
- Go Math Resources
  - Intervention Kit
  - Reteach Blackline Masters
  - Books
  - Enrich Blackline Masters
  - Books
  - Digital Resources

**CC.2.3.2.A.1**
- Analyze and draw two- and three-dimensional shapes having specified attributes.

**CC.2.3.2.A.2**
- Use the understanding of fractions to partition shapes into halves, quarters, and thirds.
# 2nd Grade Scope and Sequence: Math

<table>
<thead>
<tr>
<th>Unit 7</th>
<th>Getting Ready for 3rd Grade</th>
<th>What do you need to know to get ready for 3rd Grade?</th>
<th>Extends all standards for math content.</th>
</tr>
</thead>
</table>
| May 15 – June 9 | Go Math Practice Book  
• Lessons 1-20  
Go Math Assessments  
• Checkpoints  
iPad  
Judy Clock  
Fact Fluency Sheets  
White Board Practice  
Go Math Resources  
• Intervention Kit  
• Reteach Blackline Masters Books  
• Enrich Blackline Masters Books  
• Digital Resources | | |