Reteach Book
Grade 2

PROVIDES Tier 1 Intervention for Every Lesson
# Contents

## CRITICAL AREA 1: Number Sense and Place Value

### Chapter 1: Number Concepts

<table>
<thead>
<tr>
<th>Section</th>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td><strong>Algebra</strong> • Even and Odd Numbers</td>
<td>R1</td>
</tr>
<tr>
<td>1.2</td>
<td><strong>Algebra</strong> • Represent Even Numbers</td>
<td>R2</td>
</tr>
<tr>
<td>1.3</td>
<td>Understand Place Value</td>
<td>R3</td>
</tr>
<tr>
<td>1.4</td>
<td>Expanded Form</td>
<td>R4</td>
</tr>
<tr>
<td>1.5</td>
<td>Different Ways to Write Numbers</td>
<td>R5</td>
</tr>
<tr>
<td>1.6</td>
<td><strong>Algebra</strong> • Different Names for Numbers</td>
<td>R6</td>
</tr>
<tr>
<td>1.7</td>
<td><strong>Problem Solving</strong> • Tens and Ones</td>
<td>R7</td>
</tr>
<tr>
<td>1.8</td>
<td>Counting Patterns Within 100</td>
<td>R8</td>
</tr>
<tr>
<td>1.9</td>
<td>Counting Patterns Within 1,000</td>
<td>R9</td>
</tr>
</tbody>
</table>

### Chapter 2: Numbers to 1,000

<table>
<thead>
<tr>
<th>Section</th>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Group Tens as Hundreds</td>
<td>R10</td>
</tr>
<tr>
<td>2.2</td>
<td>Explore 3-Digit Numbers</td>
<td>R11</td>
</tr>
<tr>
<td>2.3</td>
<td>Model 3-Digit Numbers</td>
<td>R12</td>
</tr>
<tr>
<td>2.4</td>
<td>Hundreds, Tens, and Ones</td>
<td>R13</td>
</tr>
<tr>
<td>2.5</td>
<td>Place Value to 1,000</td>
<td>R14</td>
</tr>
<tr>
<td>2.6</td>
<td>Number Names</td>
<td>R15</td>
</tr>
<tr>
<td>2.7</td>
<td>Different Forms of Numbers</td>
<td>R16</td>
</tr>
<tr>
<td>2.8</td>
<td><strong>Algebra</strong> • Different Ways to Show Numbers</td>
<td>R17</td>
</tr>
<tr>
<td>2.9</td>
<td>Count On and Count Back by 10 and 100</td>
<td>R18</td>
</tr>
<tr>
<td>2.10</td>
<td><strong>Algebra</strong> • Number Patterns</td>
<td>R19</td>
</tr>
<tr>
<td>2.11</td>
<td><strong>Problem Solving</strong> • Compare Numbers</td>
<td>R20</td>
</tr>
<tr>
<td>2.12</td>
<td><strong>Algebra</strong> • Compare Numbers</td>
<td>R21</td>
</tr>
</tbody>
</table>
CRITICAL AREA 2: Addition and Subtraction

Chapter 3: Basic Facts and Relationships

3.1 Use Doubles Facts .............................................................. R22
3.2 Practice Addition Facts ...................................................... R23
3.3 Algebra • Make a Ten to Add ............................................ R24
3.4 Algebra • Add 3 Addends .................................................. R25
3.5 Algebra • Relate Addition and Subtraction ........................ R26
3.6 Practice Subtraction Facts ................................................ R27
3.7 Use Ten to Subtract .......................................................... R28
3.8 Algebra • Use Drawings to Represent Problems ............... R29
3.9 Algebra • Use Equations to Represent Problems .............. R30
3.10 Problem Solving • Equal Groups ...................................... R31
3.11 Algebra • Repeated Addition ............................................ R32

Chapter 4: 2-Digit Addition

4.1 Break Apart Ones to Add .................................................. R33
4.2 Use Compensation .......................................................... R34
4.3 Break Apart Addends as Tens and Ones ......................... R35
4.4 Model Regrouping for Addition ........................................ R36
4.5 Model and Record 2-Digit Addition .................................... R37
4.6 2-Digit Addition .............................................................. R38
4.7 Practice 2-Digit Addition ................................................... R39
4.8 Rewrite 2-Digit Addition .................................................... R40
4.9 Problem Solving • Addition ................................................. R41
4.10 Algebra • Write Equations to Represent Addition ............ R42
4.11 Algebra • Find Sums for 3 Addends ................................. R43
4.12 Algebra • Find Sums for 4 Addends ................................. R44
Chapter 5: 2-Digit Subtraction

5.1 Algebra • Break Apart Ones to Subtract ..................................................... R45
5.2 Algebra • Break Apart Numbers to Subtract ............................................. R46
5.3 Model Regrouping for Subtraction ............................................................... R47
5.4 Model and Record 2-Digit Subtraction ....................................................... R48
5.5 2-Digit Subtraction ..................................................................................... R49
5.6 Practice 2-Digit Subtraction ...................................................................... R50
5.7 Rewrite 2-Digit Subtraction ....................................................................... R51
5.8 Add to Find Differences ............................................................................. R52
5.9 Problem Solving • Subtraction .................................................................... R53
5.10 Algebra • Write Equations to Represent Subtraction .............................. R54
5.11 Solve Multistep Problems ......................................................................... R55

Chapter 6: 3-Digit Addition and Subtraction

6.1 Draw to Represent 3-Digit Addition ............................................................ R56
6.2 Break Apart 3-Digit Addends ..................................................................... R57
6.3 3-Digit Addition: Regroup Ones ................................................................. R58
6.4 3-Digit Addition: Regroup Tens ................................................................. R59
6.5 Addition: Regroup Ones and Tens ............................................................... R60
6.6 Estimation in 3-Digit Addition .................................................................... R61
6.7 Problem Solving • 3-Digit Subtraction ....................................................... R62
6.8 3-Digit Subtraction: Regroup Tens ............................................................. R63
6.9 3-Digit Subtraction: Regroup Hundreds .................................................... R64
6.10 Subtraction: Regroup Hundreds and Tens ............................................... R65
6.11 Regrouping with Zeros ............................................................................. R66
6.12 Estimation in 3-Digit Subtraction ............................................................. R67
CRITICAL AREA 3: Measurement and Data

Chapter 7: Money and Time

7.1 Dimes, Nickels, and Pennies .................................................................R68
7.2 Quarters ..............................................................................................R69
7.3 Count Collections .............................................................................R70
7.4 Show Amounts in Two Ways .............................................................R71
7.5 One Dollar .........................................................................................R72
7.6 Amounts Greater Than $1 .................................................................R73
7.7 Problem Solving • Money .................................................................R74
7.8 Time to the Hour and Half Hour ....................................................R75
7.9 Time to 5 Minutes ............................................................................R76
7.10 Practice Telling Time .......................................................................R77
7.11 A.M. and P.M. ..................................................................................R78
7.12 Units of Time ....................................................................................R79

Chapter 8: Length in Customary Units

8.1 Measure With Inch Models ...............................................................R80
8.2 Make and Use a Ruler .......................................................................R81
8.3 Estimate Lengths in Inches ...............................................................R82
8.4 Measure with an Inch Ruler ...............................................................R83
8.5 Problem Solving • Add and Subtract in Inches .........................R84
8.6 Measure in Inches and Feet .............................................................R85
8.7 Estimate Lengths in Feet ...................................................................R86
8.8 Choose a Tool ....................................................................................R87
8.9 Display Measurement Data ...............................................................R88

Chapter 9: Length in Metric Units

9.1 Measure with a Centimeter Model ....................................................R89
9.2 Estimate Lengths in Centimeters ......................................................R90
9.3 Measure with a Centimeter Ruler ....................................................R91
9.4 Problem Solving • Add and Subtract Lengths ..............................R92
9.5 Centimeters and Meters .................................................................R93
9.6 Estimate Lengths in Meters .............................................................R94
9.7 Measure and Compare Lengths .......................................................R95
Chapter 10: Data

10.1 Collect Data .................................................................................................................. R96
10.2 Read Picture Graphs ...................................................................................................... R97
10.3 Make Picture Graphs ..................................................................................................... R98
10.4 Read Bar Graphs ........................................................................................................... R99
10.5 Make Bar Graphs .......................................................................................................... R100
10.6 Problem Solving • Display Data .................................................................................. R101

CRITICAL AREA 4: Geometry and Fractions

Chapter 11: Geometry and Fraction Concepts

11.1 Three-Dimensional Shapes ......................................................................................... R102
11.2 Attributes of Three-Dimensional Shapes ................................................................... R103
11.3 Build Three-Dimensional Shapes ............................................................................... R104
11.4 Two-Dimensional Shapes ........................................................................................... R105
11.5 Angles in Two-Dimensional Shapes .......................................................................... R106
11.6 Sort Two-Dimensional Shapes .................................................................................... R107
11.7 Partition Rectangles .................................................................................................... R108
11.8 Equal Parts .................................................................................................................. R109
11.9 Show Equal Parts of a Whole ..................................................................................... R110
11.10 Describe Equal Parts ................................................................................................. R111
11.11 Problem Solving • Equal Shares ............................................................................... R112
## End-of-Year Resources

### Getting Ready for Grade 3

<table>
<thead>
<tr>
<th>Lesson</th>
<th>Topic</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Find Sums on an Addition Table</td>
<td>GRR 1</td>
</tr>
<tr>
<td>2</td>
<td><strong>Estimate Sums:</strong> 2-Digit Addition</td>
<td>GRR 2</td>
</tr>
<tr>
<td>3</td>
<td><strong>Estimate Sums:</strong> 3-Digit Addition</td>
<td>GRR 3</td>
</tr>
<tr>
<td>4</td>
<td><strong>Estimate Differences:</strong> 2-Digit Subtraction</td>
<td>GRR 4</td>
</tr>
<tr>
<td>5</td>
<td><strong>Estimate Differences:</strong> 3-Digit Subtraction</td>
<td>GRR 5</td>
</tr>
<tr>
<td>6</td>
<td>Order 3-Digit Numbers</td>
<td>GRR 6</td>
</tr>
<tr>
<td>7</td>
<td>Equal Groups of 2</td>
<td>GRR 7</td>
</tr>
<tr>
<td>8</td>
<td>Equal Groups of 5</td>
<td>GRR 8</td>
</tr>
<tr>
<td>9</td>
<td>Equal Groups of 10</td>
<td>GRR 9</td>
</tr>
<tr>
<td>10</td>
<td><strong>Hands On:</strong> Size of Shares</td>
<td>GRR 10</td>
</tr>
<tr>
<td>11</td>
<td><strong>Hands On:</strong> Number of Equal Shares</td>
<td>GRR 11</td>
</tr>
<tr>
<td>12</td>
<td>Solve Problems with Equal Shares</td>
<td>GRR 12</td>
</tr>
<tr>
<td>13</td>
<td>Hour Before and Hour After</td>
<td>GRR 13</td>
</tr>
<tr>
<td>14</td>
<td>Elapsed Time in Hours</td>
<td>GRR 14</td>
</tr>
<tr>
<td>15</td>
<td>Elapsed Time in Minutes</td>
<td>GRR 15</td>
</tr>
<tr>
<td>16</td>
<td><strong>Hands On:</strong> Capacity • Nonstandard Units</td>
<td>GRR 16</td>
</tr>
<tr>
<td>17</td>
<td>Describe Measurement Data</td>
<td>GRR 17</td>
</tr>
<tr>
<td>18</td>
<td><strong>Fraction Models:</strong> Thirds and Sixths</td>
<td>GRR 18</td>
</tr>
<tr>
<td>19</td>
<td><strong>Fraction Models:</strong> Fourths and Eighths</td>
<td>GRR 19</td>
</tr>
<tr>
<td>20</td>
<td>Compare Fraction Models</td>
<td>GRR 20</td>
</tr>
</tbody>
</table>
Algebra • Even and Odd Numbers

These are even numbers. They show pairs with no cubes left over.

4 is even. 6 is even. 8 is even. 10 is even.

These are odd numbers. They show pairs with 1 cube left over.

3 is odd. 5 is odd. 7 is odd. 9 is odd.

Count out the number of cubes. Make pairs. Then write even or odd.

1. 15 ______ 2. 11 ______
   odd          odd

3. 12 ______ 4. 13 ______
   even         odd

5. 16 ______ 6. 14 ______
   even         even
Algebra • Represent Even Numbers

An even number of cubes will make two equal groups.

Count 8 cubes. Put the cubes into two equal groups. Do the two groups have equal numbers of cubes? To check, match one to one.

8 = 4 + 4

How many cubes are there in all? Complete the addition sentence to show the equal groups.

1. ____ = ____ + ____

2. ____ = ____ + ____

3. ____ = ____ + ____

4. ____ = ____ + ____
Understand Place Value

0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 are digits. A digit’s place in a number shows the value of the digit.

52 has two digits.

The digit \( \boxed{5} \) is in the tens place.
The digit \( \boxed{2} \) is in the ones place.
The digit 5 shows \( \boxed{5} \) tens.
The digit 2 shows \( \boxed{2} \) ones.
Its value is \( \boxed{50} \).
Its value is \( \boxed{2} \).

Circle the value of the underlined digit.

1. 27
   - 20
   - 2

2. 18
   - 1
   - 10

3. 56
   - 60
   - 6

4. 30
   - 30
   - 3

5. 75
   - 5
   - 50

6. 41
   - 4
   - 40
Expanded Form

Show tens and ones in 43.

<table>
<thead>
<tr>
<th>Tens</th>
<th>Ones</th>
</tr>
</thead>
</table>

How many tens? __4__ tens
How many ones? __3__ ones

43 is __4__ tens __3__ ones

43 is __40__ + __3__

Describe the number in two ways.

1. 35
   - __3__ tens __5__ ones
   - __30__ + __5__

2. 63
   - __6__ tens __3__ ones
   - __60__ + __3__

3. 57
   - __5__ tens __7__ ones
   - __50__ + __7__

4. 19
   - __1__ ten __9__ ones
   - __10__ + __9__
Different Ways to Write Numbers

You can write numbers in different ways.

<table>
<thead>
<tr>
<th>ones</th>
<th>teen words</th>
<th>tens</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>one</td>
<td>10 ten 1 ten 1 one</td>
</tr>
<tr>
<td>2</td>
<td>two</td>
<td>20 twenty 2 tens</td>
</tr>
<tr>
<td>3</td>
<td>three</td>
<td>30 thirty 3 tens</td>
</tr>
<tr>
<td>4</td>
<td>four</td>
<td>40 forty 4 tens</td>
</tr>
<tr>
<td>5</td>
<td>five</td>
<td>50 fifty 5 tens</td>
</tr>
<tr>
<td>6</td>
<td>six</td>
<td>60 sixty 6 tens</td>
</tr>
<tr>
<td>7</td>
<td>seven</td>
<td>70 seventy 7 tens</td>
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<tr>
<td>8</td>
<td>eight</td>
<td>80 eighty 8 tens</td>
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<tr>
<td>9</td>
<td>nine</td>
<td>90 ninety 9 tens</td>
</tr>
</tbody>
</table>

Write the number another way. Possible answers are given.

1. twenty 20

2. 37 3 tens 7 ones

3. 40 + 5 45

4. eighty-one 81

5. 56 fifty-six

6. 9 tens 2 ones 92

7. 1 ten 8 ones eighteen

8. seventy-three 7 tens 3 ones
Here are some ways to show 28.

Describe the tens and ones with words and addition.

1. 32

Describe the tens and ones with addition.

2. 47

Describe the tens and ones with words.

Describe the blocks in two ways.

1. 32

Describe the tens and ones with addition.

2. 47
Problem Solving • Tens and Ones

Anya has 25 toys. She can put them away in boxes of 10 toys or as single toys. What are the different ways Anya can put away the toys?

Unlock the Problem

What do I need to find?

the different ways

Anya can put away the toys

What information do I need to use?

She can put them away in boxes of 10 toys or as single toys.

Look for a pattern.

<table>
<thead>
<tr>
<th></th>
<th>2 tens + 5 ones</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2 tens + 5 ones</td>
</tr>
<tr>
<td></td>
<td>1 ten + 15 ones</td>
</tr>
<tr>
<td></td>
<td>0 tens + 25 ones</td>
</tr>
</tbody>
</table>

Boxes of 10 toys | Single toys
---|---
2 | 5
1 | 15
0 | 25

Find a pattern to solve.

1. Mr. Moore is buying 29 apples. He can buy them in packs of 10 apples or as single apples. What are the different ways Mr. Moore can buy the apples?

<table>
<thead>
<tr>
<th>Packs of 10 apples</th>
<th>Single apples</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>1</td>
<td>19</td>
</tr>
<tr>
<td>0</td>
<td>29</td>
</tr>
</tbody>
</table>
Counting Patterns Within 100

You can count different ways.

Count by fives.
5, 10, 15, 20, 25, 30, 35

Count by tens.
10, 20, 30, 40, 50, 60

Count by fives.
1. 5, 10, 15, 20, ___, ___, 35

2. 20, 25, 30, 35, ___, ___, 50

3. 55, 60, 65, 70, ___, 80, 85

Count by tens.
4. 10, 20, 30, ___, ___, 60

5. 30, 40, 50, 60, ___, ___, 90
Counting Patterns
Within 1,000

You can count in different ways.
Look for a pattern to use.

Count by tens.
500, 510, 520, 530, 540, 550

Count by hundreds.
300, 400, 500, 600, 700, 800

Count by tens.
1. 410, 420, 430, 440, 450
2. 730, 740, 750, 760, 770
3. 250, 260, 270, 280, 290

Count by hundreds.
4. 100, 200, 300, 400, 500
5. 500, 600, 700, 800, 900