

North Palos School District 117

SECOND GRADE
MATH CURRICULUM MAPS

| Month | Content | Skills | State Standards |
|-----------|---------------------|--|-----------------|
| September | Addition Strategies | Count on from first addend | 6A1a |
| | | Count back | 6A1a |
| | | Fact families: Demonstrate the relationship between addition and subtraction | 6C1a |
| | | 3 addends - addition | 6C1a |
| | | Order and Zero Properties | 6C1a |
| | | Missing Numbers | 8D1a |
| | | Adding Doubles | 6A1a |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c |
| | | Estimation: Sums and differences of 1 or 2 digit numbers | 6C2b |
| | | Problem solving: Solve 1 step addition and subtraction story problems | 6B1a |
| | Vocabulary | | |

| Month | Content | Skills | State Standards | |
|---------|----------------|--|-----------------|--|
| October | Numbers to 100 | Place value: ones and tens | 6A4a | |
| | | Greater than, less than, equal to | 6D1c | |
| | | Odd and even numbers | 6A5b | |
| | | Estimation | 6C2b | |
| | | Ordinal numbers | 6A4b | |
| | | Cardinal numbers | 6A4b | |
| | | Count by 2's, 5's, and 10's | 6A1a | |
| | | Skip counting from any number by 2's and 10's | 6A1b | |
| | | Extend numeric patterns involving addition & subtraction (Ex: 1, 3, 5, __, __) | 8A5b | |
| | Measurement | Introduce how to use a ruler using inches/centimeters | 7A3b | |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c | |
| | | Problem solving: Explain and use mental math strategies to solve addition and subtraction problems | 6C1b | |
| | | | Vocabulary | |
| | | | | |

North Palos School District 117

SECOND GRADE
MATH CURRICULUM MAPS

| Month | Content | Skills | State Standards |
|----------|---------|---|-----------------|
| November | Money | Identify coins and their value: penny, nickel, dime, quarter, half dollar | 7A5a |
| | | Count, compare, and order sets of unlike coins | 7A6b |
| | | Show equivalent amounts of money | 7A7b |
| | | Explore and explain making change using manipulatives | 7C4c |
| | | Problem solving: Solve 1 step addition and subtraction story problems | 8C1 |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c |
| | | Vocabulary | |

| Month | Content | Skills | State Standards |
|------------|---------|--|-----------------|
| December | Time | Tell time, in 5 minute increments, using an analog clock | 7A4b |
| | | Introduce "quarter after", "quarter to", & "half past" | 7A4b |
| | | Difference between a.m. & p.m. | 7A4b |
| | | Introduce elapsed time by the hour & half hour | 7B1b |
| | | Read & interpret a calendar | 7A4a |
| | | Problem solving using time | 7C3b |
| | | Estimation: Estimate elapsed time for a given week | 7B1b |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c |
| Vocabulary | | | |

North Palos School District 117

SECOND GRADE
MATH CURRICULUM MAPS

| Month | Content | Skills | State Standards |
|---------|--------------|---|-----------------|
| January | Number sense | 2-digit addition, with and without regrouping | 6C1a |
| | | Place Value: Ones, Tens, Hundreds including expanded form and standard form | 6A2b |
| | | 3-digit addition with and without regrouping | 6C1a |
| | Geometry | Identify and compare the attributes of solid and plane shapes using appropriate vocabulary | 9A1b |
| | | Perform & identify slides, flips, and turns with concrete objects | 9A4b |
| | | Symmetry | 9A4a |
| | | Congruence | 9A4a |
| | | Investigate and predict the results of putting together and taking apart solid & plane shapes (Ex.: Put 2 squares together to make a rectangle) | 9A2b |
| | | Recognize, describe, and extend geometric patterns | 9C1a |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c |
| | | Problem solving (Ex.: Put 2 triangles together to make a quadrilateral) | 9A2b |
| | | Estimate sums and differences of one or two digit numbers | 6C2b |
| | | Vocabulary | |

| Month | Content | Skills | State Standards |
|------------|--------------|--|-----------------|
| February | Number sense | Place Value: Ones, Tens, Hundreds including expanded form and standard form | 6A2b |
| | | 3-digit addition with and without regrouping | 6C1a |
| | | 2-digit subtraction with and without regrouping | 6C1a |
| | Measurement | Measure various objects using non-standard (paper clips, cubes, string) and standard (inches, centimeters, feet, meters) units to measure length | 7A3a 7A3b |
| | | Explore and describe perimeter and area of real objects | 7A2b |
| | | Estimation: standard measurements of length | 7B2b |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c |
| | | Problem solving: Using sums and differences | |
| Vocabulary | | | |

North Palos School District 117

SECOND GRADE
MATH CURRICULUM MAPS

| Month | Content | Skills | State Standards |
|------------|--------------|--|-----------------|
| March | Measurement | Read temperatures to the nearest degree (F) | 7A1d |
| | Number sense | Numbers to 1,000 | 6A2b |
| | | Place value: ones, tens, hundreds, thousands | 6A2b |
| | | 3-digit subtraction with and without regrouping | 6C1a |
| | | Comparing numbers to 1,000 (greater than, less than, and equal to 1,000) | 6D1c |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c |
| | | Problem solving: Introduce solving 2-step story problems | 6B1b |
| Vocabulary | | | |

| Month | Content | Skills | State Standards |
|-------|----------------|---|-----------------|
| April | Fractions | Describe parts of a set and a whole using $\frac{1}{2}$, $\frac{1}{3}$, and $\frac{1}{4}$ | 6A8a |
| | | Represent, order, label, & compare unit fractions using concrete material | 6A4c |
| | | Comparing fractions ($>$, $<$, $=$) | 6A4c |
| | Multiplication | Explore and model multiplication through equal grouping and equal sharing of objects | 6B3b |
| | | Connect repeated addition to multiplication | 6B4b |
| | Measurement | Select appropriate unit and tool for measurement of weight, length, volume and temperature | 7C1b |
| | | Measure using standard units for capacity & weight | 7A3b |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c |
| | | Problem solving: Practice solving 2-step story problems | 6B1b |
| | Vocabulary | | |

North Palos School District 117

**SECOND GRADE
MATH CURRICULUM MAPS**

| Month | Content | Skills | State Standards |
|--------------------|--------------------|---|---------------------------|
| May | Graphing | Gather, organize, interpret data from pictographs, tallies, tables, and bar graphs | 10A1b 10B1b 10B1c 8B1a |
| | Probability | Identify and discuss likely, unlikely, and impossible | 10C1b |
| | | Communicate and display results of probability events in order to make predictions of future events | 10C1b |
| | Division | Explore division using equal grouping and equal | 8C1 |
| | | Memorize basic addition and subtraction facts to 18 | 6C1c |
| | Calculators | Utilize a calculator to solve addition and subtraction | 6C4b |
| Review week | | All standards | |