Grade 4 Pacing Guide September 2015

| **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
| --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 |
| 7 Labor Day | 8 | 9 | 10 | 11 Patriot Day 9/11 |
| 14  **NSE1**  Identify place value to the millions  Compare value of digits using a place value chart | 15  **NSE2**  Write numbers in standard, word, and expanded form | 16  **NSE3**  Compare numbers by lining up by place value | 17  **NSE4**  Add and subtract whole numbers  Using the standard algorithm | 18  **NSE5**  Add and subtract whole numbers using the standard algorithm.  Invest in the problem and organize work in labeled columns. |
| 21  **NSE6**  Estimate sums and differences to determine reasonableness of answers | 22  **NSE7**  Determine factors of a number | 23  **NSE8**  Identify prime and composite numbers | 24  **NSE9**  Identify factors and multiples of a number | 25  **NSE10**  Multiply up to a 3 digit number by a 1 digit number using an array. |
| 28  **NSE11**  Multiply up to 3 digit numbers with an array | 29  **NSE12**  Multiply up to 3 digit numbers using break apart | 30  **NSE13**  Estimate products to determine reasonableness of answers | Notes:  \*NSE = Number Sense and Estimation Unit. Use provided lessons to assist with planning. |  |

Grade 4 Pacing Guide October 2015

| **Mon** | **Tue** | | **Wed** | **Thu** | **Fri** |
| --- | --- | --- | --- | --- | --- |
| \*MD = Multiplication and Division Unit. Use provided lessons to assist with planning. | |  |  | 1 World Vegetarian Day  **NSE14** Multiply precisely and check with a second strategy | 2  Reteach |
| 5  Reteach | 6  Reteach | | 7  NSE Assessment | 8  **MD1**  Multiply with an array or with break apart.  Label columns to match the story | 9  **MD2**  Divide without remainders using benchmark division |
| 12 Columbus Day | 13  **MD3**  Divide with remainders using benchmark division | | 14  **MD4**  Divide with or without remainders using benchmark division | 15  **MD5**  Check division answers by multiplying and using estimation | 16  **MD6**  Divide with benchmark division and interpret remainders  With a question check |
| 19  **MD7**  Divide with benchmark division and interpret remainders  With a question check | 20  **MD8**  Divide with benchmark division and interpret remainders with a question check | | 21  **MD9**  Think before you math and choose an appropriate operation | 22  **MD10**  Think before you math and choose an appropriate operation | 23  **MD11**  Write 2 step equations by labeling columns according to the story first |
| 26  Reteach | 27  Reteach | | 28  Reteach | 29  MD Assessment | 30  **C6  Recall**  Identify fraction in a visual or as part of a set. |

\*Jump to Chapter 6 in Math In Focus after the scripted units. 1-3 were covered in our units, and 4 and 5 are not Common Core aligned

Grade 4 Pacing Guide November 2015

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| --- | --- | --- | --- | --- |
| 2  **C6**  **Recall**  Represent fractions on a number line | 3  **C6**  **Recall**  Compare fractions to ½ to determine which is greater  OR Compare fractions by building proportions out of the same size whole (teacher choice) | 4  **C6  Recall**  Find equivalent fractions by building proportions out of the same size whole. | 5  **C6.1**  Add fractions with like denominators on a number line | 6  **C6.2**  Subtract fractions with like denominators on a number line |
| 9  C6 Extra  Add and subtract fractions with like denominators on a number line. | 10  **C6.3**  Draw a visual to represent a mixed number | 11 | 12  **C6.4**  Express fractions (greater than 1) as mixed numbers and vice versa by drawing a visual. | 13  **C6.5**  Use division to represent a fraction greater than 1 as a mixed number |
| 16  **C6.3**  Locate mixed numbers on a number line | 17  **C6 Extra**  Add mixed numbers (with fractions with like denominators) on a number line | 18  **C6 Extra**  Subtract mixed numbers (with fractions with like denominators) on a number line | 19  **C6.7**  Use a model to find fraction of a set. | 20  **C6.7**  Multiply a fraction by a whole number by drawing a visual. |
| 23  **C6.7**  Multiply a fraction by a whole number using the algorithm. | 24  **C6.8**  Write an expression that represents a story  Add fractions on a number line | 25  **C6.8**  Write an expression that represents a story  Add fractions on a number line | 26  No School | 27  No School |
| 30  **C6.9**  Demonstrate fractional data in a line plot. | Notes: |  |  |  |

Grade 4 Pacing Guide December 2015

| **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
| --- | --- | --- | --- | --- |
|  | 1  **C6.9**  Demonstrate fractional data in a line plot. | 2  **Reteach** | 3  Reteach | 4  **C6 Assessment** |
| 7  **C9**  **Recall**  Identify a point, line, line segment, ray parallel lines, perpendicular lines, and non parallel lines. | 8  **C 9 Recall**  Identify right angle, straight angle, obtuse angle, and acute angle. | 9  **C9.1**  Name angles and rays  Measure angles with a protractor | 10  **C9.1**  Name angles and rays  Measure angles with a protractor | 11  **C9.1**  Name angles and rays  Measure angles with a protractor |
| 14  **C9.2**  Draw angles with a protractor. | 15  **C9.2**  Relate turns of angles to fractions (90 degrees is ¼)  Identify that there are 360 degrees in a circle. | 16  **C9.2**  Find unknown angle measures using precise addition and subtraction. | 17  **C9.2**  Find unknown angle measures using precise addition and subtraction. | 18  Reteach |
| 21  Reteach | 22  **C9 assessment** | 23  No school | 24  No school | 25 Christmas  No school |
| 28  No school | 29  No school | 30  No school | 31  No school | Notes: |

Grade 4 January 2016

| **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
| --- | --- | --- | --- | --- |
|  |  |  |  | 1  No School |
| 4  **C10 Recall**  Define perpendicular and parallel.  Identify perpendicular and parallel lines on grids | 5  **C10.1**  Measure perpendicular lines using a protractor | 6  **C10.1**  Identify perpendicular lines in figures | 7  **C10.2**  Measure parallel lines using a drawing triangle and ruler | 8  **C10.2**  Identify parallel lines in figures |
| 11  **C10.3**  Explain properties of polygons using geometric terms (parallel, perpendicular) and organize them into categories | 12  Reteach | 13  Reteach | 14  C10  Assessment | 15 |
| 18  No School | 19  **C11 Recall**  Find perimeter of a polygon by finding the sum of the length of all sides | 20    **C11 Recall**  Find the area of a square or rectangle by counting the total number of square units | 21    **C11.1**  Identify, explain, and compare properties of squares, rectangles, and right triangles | 22  **C11.1**  Find missing angles within rectangles and quadrilaterals |
| 25    **C11.2**  Find perimeter of composite figures by first determining the lengths of missing sides | 26  **C11.2**  Find perimeter of composite figures by first determining the lengths of missing sides | 27  Reteach | 28  Reteach | 29  C11  Assessment |

February 2016

| **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
| --- | --- | --- | --- | --- |
| 1  **C13 Recall**  Multiply 2 or 3 digit numbers using the area model | 2  **C13 Recall**  Divide using benchmark division | 3  **C13.1**  Identify that area is the amount of space taken up by a 2D figure  Find area of a rectangle using l x w | 4  **C13.1**  Find the area of a section of a rectangle by closely reading and solving precisely | 5  **C13.2**  Use given dimensions to determine perimeter or a missing side of a rectangle. |
| 8  **C13.2**  Use given dimensions to determine area or missing side length | 9  **C13.3**  Find perimeter of a composite figure by adding the lengths of all sides | 10  **C13.3**  Find area of a composite figure by breaking into rectangles and adding the area of each rectangle | 11  **C13.3**  Find perimeter and area of composite figures by first determining the lengths of the missing sides | 12  No school |
| 15  No school | 16  **C13.3**  Find perimeter and area of composite figures by first determining the lengths of the missing sides | 17  **C13.4**  Use subtraction to find the area of a composite figure. | 18  **C13.4**  Find area and perimeter of parts of a figure by closely reading and solve precisely. | 19  Reteach |
| 22  Reteach | 23  C13 Assessment | 24  **C14 Recall**  Students will determine whether 2 figures are congruent and explain. | 25  **C14.1**  Students will identify a line of symmetry in a figure | 26  **C14.1**  Students will identify whether a line is a line of symmetry |
| 29  **C14 Extra**  Students will name the number of lines of symmetry in regular polygons | Notes: | | | |

March 2016

| **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
| --- | --- | --- | --- | --- |
|  | 1  **C14.3**  Students will make symmetric figures that are a mirror image | 2  Reteach | 3  Reteach | 4  C14  Assessment |
| 7  Fractions Reteach  Day 1 | 8  Fractions Reteach  Day 2 | 9  Fractions Reteach  Day 3 | 10  Fractions Reteach  Day 4 | 11  Fractions Reteach  Day 5 |
| 14  Fractions Reteach Day 6 | 15  Fractions Reteach Day 7 | 16  Fractions Reteach Day 7 | 17  Fractions Reteach Day 8 | 18  Final Reteach Day 1  LD \*day 4 lesson\* |
| 21  Final Reteach Day 2  LD \*day 5 lesson\* | 22  Final Reteach Day 3  LD \*day 6 lesson\* | 23  Final Reteach Day 4  LD \*day 7 lesson\* | 24 | 25 |
| 28 | 29 | 30 | 31 |

April 2016

| **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
| --- | --- | --- | --- | --- |
|  |  |  |  | 1 |
| 4  Final Reteach Day 5  LD \*day 8 lesson\* | 5  NYS ELA | 6  NYS ELA | 7  NYS ELA | 8 |
| 11  Final Reteach Day 6  LD \*day 9 lesson\* | 12 | 13  NYS Math | 14  NYS Math | 15  NYS Math |
| 18 | 19 | 20 | 21 | 22 |
| 25 | 26 | 27 | 28 | 29 |