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 millionsCompare 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 numbersUsing 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

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| --- | --- | --- | --- | --- |
| \*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 | 2Reteach |
| 5Reteach  | 6Reteach | 7NSE 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 remaindersWith a question check |
| 19**MD7**Divide with benchmark division and interpret remaindersWith 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 |
| 26Reteach | 27Reteach | 28Reteach | 29MD 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

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| 2 **C6****Recall**Represent fractions on a number line | 3 **C6****Recall**Compare fractions to ½ to determine which is greaterOR 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 ExtraAdd 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 storyAdd fractions on a number line  | 25 **C6.8**Write an expression that represents a storyAdd 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

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|  | 1 **C6.9**Demonstrate fractional data in a line plot. | 2**Reteach** | 3Reteach | 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 raysMeasure angles with a protractor  | 10 **C9.1** Name angles and raysMeasure angles with a protractor  | 11**C9.1** Name angles and raysMeasure 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.  | 18Reteach |
| 21Reteach | 22 **C9 assessment** | 23No school | 24No school | 25 ChristmasNo school |
| 28No school | 29No school | 30No school | 31No school | Notes: |

Grade 4 January 2016

| **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
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|  |  |  |  | 1No 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 | 12Reteach  | 13Reteach | 14C10Assessment | 15  |
| 18No 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 | 27Reteach | 28Reteach | 29C11 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 figureFind 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 | 12No school |
| 15No 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.  | 19Reteach |
| 22Reteach | 23C13 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 | 2Reteach | 3Reteach | 4C14Assessment |
| 7Fractions ReteachDay 1 | 8Fractions ReteachDay 2 | 9Fractions ReteachDay 3  | 10Fractions ReteachDay 4  | 11Fractions ReteachDay 5 |
| 14Fractions Reteach Day 6 | 15Fractions Reteach Day 7 | 16Fractions Reteach Day 7 | 17Fractions Reteach Day 8 | 18Final Reteach Day 1LD \*day 4 lesson\* |
| 21Final Reteach Day 2LD \*day 5 lesson\* | 22Final Reteach Day 3LD \*day 6 lesson\* | 23Final Reteach Day 4LD \*day 7 lesson\* | 24 | 25 |
| 28 | 29 | 30 | 31 |

April 2016

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