1st Grade Math At-A-Glance Common Core State Standards



| Grade | Required Fluency |
|--------------|---|
| Kindergarten | Add/subtract within 5 |
| 1st | Add/subtract within 10 |
| 2nd | Add/subtract within 20 (memorized facts) Add/subtract within 100 |
| 3rd | Multiply/divide within 100 (memorized facts) Add/subtract within 1000 |
| 4th | Add/subtract within 1,000,000 |
| 5th | Multi-digit multiplication |
| 6th | Multi-digit division Multi-digit decimal operations |
| 7th | Solve $px + q = r$, $p(x + q) = r$ |

2nd Grade Math At-A-Glance Common Core State Standards



| Critical Areas | What's New? | What's Different? | What's Fluent? |
|--|--|---|--|
| Extending understanding of base-ten notation Building fluency with addition and subtraction Using standard units of measure Describing and analyzing shapes | Addition with rectangular array Count within 1,000 by 5s, 10s, 100s Mentally add and subtract by 10 & 100 Measurement concepts Money Line Plots, Picture graphs, bar graphs | Estimation while computing Temperature Cut and rearrange 2-D and 3-D figures Symmetric and congruent figures Venn diagrams and pictographs Probability Repeating and growing patterns Note: Topics may appear to be similar | Add/subtract within 20 (memorized facts) Add/subtract within 100 Detween PASS and CCSS: |
| | | however, CCSS may be presented at a | |

| Required Fidericies | | |
|---------------------|---|--|
| Grade | Required Fluency | |
| Kindergarten | Add/subtract within 5 | |
| 1st | Add/subtract within 10 | |
| 2nd | Add/subtract within 20 (memorized facts) Add/subtract within 100 | |
| 3rd | Multiply/divide within 100 (memorized facts) Add/subtract within 1000 | |
| 4th | Add/subtract within 1,000,000 | |
| 5th | Multi-digit multiplication | |
| 6th | Multi-digit division Multi-digit decimal operations | |
| 7th | Solve $px + q = r$, $p(x + q) = r$ | |

3rd Grade Math At-A-Glance Common Core State Standards





| Critical Areas | What's New? | What's Different? | What's Fluent? |
|--|--|---|--|
| Developing understanding of multiplication and division and strategies for multiplication and division within 100 Developing understanding of fractions, especially unit fractions (fractions with numerator 1) Developing understanding of the structure of rectangular arrays and of area Describing and analyzing two-dimensional shapes | 1 Area 2 Division 3 Liquid Volume 4 Order of | Probability Read, write, and order whole numbers Linear Measurement | Multiplication and division within 100. Know from memory all products of two 1-digit numbers. (Must start at beginning of year.) Fluently add and subtract within 1000 |
| | | Note: Topics may appear to be simi | lar between PASS and CCSS |

Note: Topics may appear to be similar between PASS and CCSS; however, CCSS may be presented at a higher cognitive demand.

| Grade | Required Fluency | |
|--------------|---|--|
| Kindergarten | Add/subtract within 5 | |
| 1st | Add/subtract within 10 | |
| 2nd | Add/subtract within 20 (memorized facts) Add/subtract within 100 | |
| 3rd | Multiply/divide within 100 (memorized facts) Add/subtract within 1000 | |
| 4th | Add/subtract within 1,000,000 | |
| 5th | Multi-digit multiplication | |
| 6th | Multi-digit division Multi-digit decimal operations | |
| 7th | Solve $px + q = r$, $p(x + q) = r$ | |

4th Grade Math At-A-Glance Common Core State Standards



| Critical Areas | What's New? | What's Different? | What's Fluent? |
|--|--|--|---|
| Developing an understanding of multiplication and division with multidigit numbers Developing an understanding of equivalent fractions; addition/subtraction of fractions; multiplication of fractions by a whole number Developing an understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides | Factors Prime numbers Composite numbers Multiplication/division with multi-digit numbers Addition/Subtraction of fractions Addition/Subtraction of mixed numbers Multiplication of fractions by a whole number Angle measurement Decomposing angles Circular measurement Line of symmetry Use of line plots to solve problems addition and subtraction of fractions | Probability Geometric transformations Temperature Bar graphs, pictographs Central tendency | 1 Add/subtract within 1,000,000 |
| | Use of numbered pairs to illustrate measurement concepts | | pear to be similar CSS; however, CCSS may her cognitive demand. |
| | | | |

| Grade | Required Fluency | |
|--------------|---|--|
| Kindergarten | Add/subtract within 5 | |
| 1st | Add/subtract within 10 | |
| 2nd | Add/subtract within 20 (memorized facts) Add/subtract within 100 | |
| 3rd | Multiply/divide within 100 (memorized facts) Add/subtract within 1000 | |
| 4th | Add/subtract within 1,000,000 | |
| 5th | Multi-digit multiplication | |
| 6th | Multi-digit division Multi-digit decimal operations | |
| 7th | Solve $px + q = r$, $p(x + q) = r$ | Created by Oklahoma Mathematics Consortium |

5th Grade Math At-A-Glance Common Core State Standards



| Write and evaluate numeric expressions with parentheses Multiply a fraction or whole number by a fraction Solve real world word problems involving multiplication of fractions and mixed numbers | Primes, factors, composites Compare and translate data displays Angles | Multi-digit multiplication using standard algorithm |
|--|---|---|
| 4 Fluently multiply and divide multi-digit whole numbers and decimals 3 Extend understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions 6 Round decimals using place value 7 Volume 8 Coordinate System 9 Interpret and explain | Comparing fractions and decimals Design data using investigations Money | |
| multiplication and division outcomes in relation to whole numbers and fractions 10 Line plot to display measurements with fractions | | ear to be similar CSS; however, CCSS may her cognitive demand. |
| | 4 Fluently multiply and divide multi-digit whole numbers and decimals 5 Extend understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions 6 Round decimals using place value 7 Volume 8 Coordinate System 9 Interpret and explain multiplication and division outcomes in relation to whole numbers and fractions 10 Line plot to display | Fluently multiply and divide multi-digit whole numbers and decimals Extend understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions Round decimals using place value Volume Coordinate System Interpret and explain multiplication and division outcomes in relation to whole numbers and fractions Note: Topics may app between PASS and College presented at a high |

| Grade | Required Fluency | |
|--------------|--|--|
| Kindergarten | Add/subtract within 5 | |
| 1st | Add/subtract within 10 | |
| 2nd | Add/subtract within 20 (memorized facts) Add/subtract within 100 | |
| 3rd | Multiply/divide within 100 (memorized facts) Add/subtract within 1000 | |
| 4th | Add/subtract within 1,000,000 | |
| 5th | Multi-digit multiplication | |
| 6th | Multi-digit division Multi-digit decimal operations | |
| 7th | Solve $px + q = r$, $p(x + q) = r$ | Created by Oklahoma Mathematics Consortium |