

## JCPS ELEMENTARY GRADES MATHEMATICS CORE CONTENT 2005-2006

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| Kindergarten  | 1 <sup>st</sup> Grade   |
|---|---|
| <p>Representing Numbers</p> <p><b><u>Mathematical Thinking in Kindergarten</u></b><br/>August 16 – September 9<br/>(18 days)</p> <p>Core Content: 1.1.1, 2.1.1, 3.1.1, 3.1.2<br/>CCA#1</p>                      | <p>Counting, Comparing, Combining</p> <p><b><u>Mathematical Thinking at Grade 1</u></b><br/>August 16 - September 16<br/>(23 days)</p> <p>Core Content: 1.1.1, 1.1.2, 1.3.1, 3.1.2, 3.1.3, 4.1.1, 04-4.1.2, 5.1.1<br/>CCA#1</p> |
| <p>Exploring Patterns</p> <p><b><u>Pattern Trains &amp; Hopscotch Paths</u></b><br/>September 12 – October 28<br/>(32 days)</p> <p>Core Content: 5.1.1, 5.1.2<br/>CCA#2</p>                                     | <p>Number System/Operation Concepts</p> <p><b><u>Building Number Sense</u></b><br/>September 19 – November 11<br/>(36 days)</p> <p>Core Content: 1.1.1, 1.1.2, 1.3.1, 5.1.1, 5.3.1<br/>CCA#2</p>                                |
| <p>Developing Number Sense/Measurement</p> <p><b><u>Collecting, Counting, and Measuring</u></b><br/>October 31 – December 16<br/>(32 days)</p> <p>Core Content: 1.1.1, 1.1.2, 1.2.1, 1.3.1, 2.1.1<br/>CCA#3</p> | <p>Collecting and Sorting Data</p> <p><b><u>Survey Questions &amp; Secret Rules</u></b><br/>November 14 – December 16<br/>(23 days)</p> <p>Core Content: 4.1.1, 04-4.1.2<br/>CCA#3</p>  |
| <p>Exploring Data</p> <p><b><u>Counting Ourselves &amp; Others</u></b><br/>January 3 – February 3<br/>(22 days)</p> <p>Core Content: 1.1.2, 4.1.1<br/>CCA#4</p>   | <p>2-D and 3-D Geometry</p> <p><b><u>Quilt Squares &amp; Block Towns</u></b><br/>January 3 – February 16<br/>(31 days)</p> <p>Core Content: 3.1.1, 3.1.2, 3.1.3, 3.2.1, 3.2.2<br/>CCA#4</p>                                     |

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| <p>Exploring Geometry</p> <p><b><u>Making Shapes &amp; Building Blocks</u></b><br/>February 6 – March 17<br/>(27 days)</p> <p>Core Content: 3.1.1, 3.1.2, 3.1.3</p> <p style="text-align: center;"><b>CCA#5</b></p>   | <p>Addition and Subtraction</p> <p><b><u>Number Games &amp; Story Problems</u></b><br/>February 21 – April 28<br/>(43 days)</p> <p>Core Content: 1.1.1, 1.1.2, 1.3.1, 1.5.1, 2.1.1, 5.1.1, 5.3.1</p> <p style="text-align: center;"><b>CCA#5</b></p> |
| <p>Counting and the Number System</p> <p><b><u>How Many In All?</u></b><br/>March 20 – May 4<br/>(29 days)</p> <p>Core Content: 1.1.1, 1.1.2, 1.2.1, 1.3.1, 2.1.1</p> <p style="text-align: center;"><b>CCA#6</b></p> | <p>Measurement</p> <p><b><u>Bigger, Taller, Heavier, Smaller</u></b><br/>May 1 – May 25<br/>(17 days)</p> <p>Core Content: 1.2.1, 2.1.1, 05-2.1.2</p> <p style="text-align: center;"><b>CCA#6</b></p>  |
| <p>Statistics</p> <p>May 8 – May 25<br/>(13 days)</p> <p>Core Content: 4.1.1*, 4.1.2*</p> <p style="text-align: center;"><b>CCA#7</b></p>   |  |

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| <b>2<sup>nd</sup> Grade</b>   | <b>3<sup>rd</sup> Grade</b>  |
|---|--|
| <p>Comparing, Combining, Classifying</p> <p><b><u>Mathematical Thinking at Grade 2</u></b><br/>August 16 – September 9<br/>(18 days)</p> <p>Core Content: 1.1.1, 1.3.1, 1.5.1, 3.1.2, 3.1.3, 4.1.1</p> <p style="text-align: center;">CCA#1</p> | <p>Counting and Combining</p> <p><b><u>Mathematical Thinking at Grade 3</u></b><br/>August 16 – September 2<br/>(14 days)</p> <p>Core Content: 1.1.1, 1.2.1, 1.3.1, 1.5.1</p> <p style="text-align: center;">CCA#1</p> |
| <p>Number System/Operation Concepts</p> <p><b><u>Coins, Coupons, &amp; Combinations</u></b><br/>September 12 – October 28<br/>(32 days)</p> <p>Core Content: 1.1.1, 1.3.1, 1.5.1, 2.1.1, 5.1.1</p> <p style="text-align: center;">CCA#2</p>     | <p>Multiplication and Division</p> <p><b><u>Things That Come In Groups</u></b><br/>September 6 – October 7<br/>(23 days)</p> <p>Core Content: 1.1.1, 1.3.1, 1.5.1, 5.1.1</p> <p style="text-align: center;">CCA#2</p>  |
| <p>Sorting and Classifying Data</p> <p><b><u>Does It Walk, Crawl, or Swim?</u></b><br/>October 31 – November 23<br/>(17 days)</p> <p>Core Content: 4.1.1</p> <p style="text-align: center;">CCA#3</p>   | <p>2-D Geometry/ Measurement</p> <p><b><u>Flips, Turns, and Area</u></b><br/>October 10 – October 28<br/>(13 days)</p> <p>Core Content: 3.1.1*, 3.1.2, 3.2.1*</p> <p style="text-align: center;">CCA#3</p>             |
| <p>Geometry and Fractions</p> <p><b><u>Shapes, Halves, &amp; Symmetry</u></b><br/>November 28 – January 13<br/>(24 days)</p> <p>Core Content: 1.1.1, 3.1.1, 3.1.2, 3.1.3, 3.2.1</p> <p style="text-align: center;">CCA#4</p>                    | <p>Measurement and Data</p> <p><b><u>From Paces to Feet</u></b><br/>October 31 – November 23<br/>(17 days)</p> <p>Core Content: 2.1.1, 4.1.1</p> <p style="text-align: center;">CCA#4</p>                              |

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| <p>Addition and Subtraction</p> <p><b><u>Putting Together &amp; Taking Apart</u></b><br/>January 18 – March 10<br/>(35 days)</p> <p>Core Content: 1.1.2*, 1.3.1, 1.5.1, 5.3.1<br/>CCA#5</p> | <p>Number System/Operation Concepts</p> <p><b><u>Landmarks in the Hundreds</u></b><br/>November 28 – January 6<br/>(19 days)</p> <p>Core Content: 1.1.1, 1.2.1, 1.3.1, 1.5.1, 5.1.1*, 5.1.2*, 5.3.1*<br/>CCA#5</p> |
| <p>Measuring</p> <p><b><u>How Long? How Far?</u></b><br/>March 13 – March 31<br/>(15 days)</p> <p>Core Content: 2.1.1<br/>CCA#6</p>   | <p>Addition and Subtraction</p> <p><b><u>Combining and Comparing</u></b><br/>January 9 – February 10<br/>(23 days)</p> <p>Core Content: 1.1.1, 1.1.2, 1.3.1, 2.1.1, 4.1.1<br/>CCA#6</p>                            |
| <p>Collecting and Representing Data</p> <p><b><u>How Many Pockets? How Many Teeth?</u></b><br/>April 10 – May 4<br/>(19 days)</p> <p>Core Content: 4.1.1<br/>CCA#7</p>                      | <p>Fractions</p> <p><b><u>Fair Shares</u></b><br/>February 13 – March 17<br/>(22 days)</p> <p>Core Content: 1.1.1, 1.1.2,<br/>CCA#7</p>  |
| <p>Representing Time</p> <p><b><u>Timelines &amp; Rhythm Patterns</u></b><br/>May 8 – May 25<br/>(13 days)</p> <p>Core Content: 4.1.1, 5.1.1*, 5.1.2*<br/>CCA#8</p>                         | <p>Geometry/Measurement</p> <p><b><u>Exploring Solids and Boxes</u></b><br/>March 20 – April 21<br/>(20 days)</p> <p>Core Content: 3.1.1, 3.1.2 *, 3.1.3<br/>CCA#8</p>   |
|   | <p>Algebraic Thinking</p> <p><b><u>Up and Down the Number Line</u></b><br/>April 24 – May 12<br/>(14 days)</p> <p>Core Content: 4.1.1, 5.1.1*, 5.1.2*, 5.3.1*<br/>CCA#9</p>  |
|   | <p>2-D Geometry</p> <p><b><u>Turtle Paths</u></b><br/>May 15 – May 25<br/>(8 days)</p> <p>Core Content: 2.1.1, 3.1.1, 3.1.2<br/>CCA#10</p>   |

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| <b>4<sup>th</sup> Grade</b>   | <b>5<sup>th</sup> Grade</b>   |
|---|---|
| <p>Patterns in Numbers and Shapes</p> <p><b><u>Mathematical Thinking at Grade 4</u></b><br/>August 16 – September 2<br/>(14 days)</p> <p>Core Content: 1.3.1, 2.2.2, 3.1.1, 3.1.2, 3.2.1, 3.2.2<br/>CCA#1</p> | <p>Number Theory</p> <p><b><u>Mathematical Thinking at Grade 5</u></b><br/>August 16 – September 9<br/>(18 days)</p> <p>Core Content: 1.5.1, 5.1.2*, 5.2.1*, 5.3.1*<br/>CCA#1</p> |
| <p>Multiplication and Division</p> <p><b><u>Arrays and Shares</u></b><br/>September 6 – September 29<br/>(18 days)</p> <p>Core Content: 1.1.1, 1.3.1, 1.5.1<br/>CCA#2</p>                                     | <p>2-D Geometry</p> <p><b><u>Picturing Polygons</u></b><br/>September 12 – October 7<br/>(19 days)</p> <p>Core Content: 3.1.1, 3.1.2, 3.1.4, 3.3.1, 3.2.1*, 3.2.2*<br/>CCA#2</p>  |
| <p>3-D Geometry</p> <p><b><u>Seeing Solids and Silhouettes</u></b><br/>October 3 – October 21<br/>(13 days)</p> <p>Core Content: 3.1.1*, 3.1.3<br/>CCA#3</p>  | <p>Fractions and Decimals</p> <p><b><u>Name That Portion</u></b><br/>October 10 – November 23<br/>(30 days)</p> <p>Core Content: 1.1.1, 1.1.2, 1.2.1, 1.3.1<br/>CCA#3</p>         |
| <p>The Number System/Operation Concepts</p> <p><b><u>Landmarks in the Thousands</u></b><br/>October 24 – November 18<br/>(19 days)</p> <p>Core Content: 1.2.1, 1.5.1, 5.1.1, 5.1.2*, 5.3.1<br/>CCA#4</p>      | <p>Probability</p> <p><b><u>Between Never and Always</u></b><br/>November 28 – December 16<br/>(15 days)</p> <p>Core Content: 4.4.1, 4.4.2<br/>CCA#4</p>                          |

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|---|--|
| <p style="text-align: center;"><b>Fractions and Area</b></p> <p><b><u>Different Shapes, Equal Pieces</u></b><br/>November 21 – December 16<br/>(18 days)</p> <p>Core Content: 1.1.1, 1.1.2<br/><b>CCA#5</b></p>                             | <p style="text-align: center;"><b>Computation and Estimation Strategies</b></p> <p><b><u>Building on Numbers You Know</u></b><br/>January 3 – February 16<br/>(31 days)</p> <p>Core Content: 1.2.1, 1.3.1, 1.5.1, 5.1.1, 5.2.1*, 5.3.1*<br/><b>CCA#5</b></p> |
| <p style="text-align: center;"><b>Statistics</b></p> <p><b><u>The Shape of the Data</u></b><br/>January 3 – January 27<br/>(17 days)</p> <p>Core Content: 4.1.1, 4.1.2*<br/><b>CCA#6</b></p>  | <p style="text-align: center;"><b>Estimating and Measuring</b></p> <p><b><u>Measurement Benchmarks</u></b><br/>February 21 – March 10<br/>(13 days)</p> <p>Core Content: 2.1.1, 2.1.2*, 2.2.2<br/><b>CCA#6</b></p>   |
| <p style="text-align: center;"><b>Addition and Subtraction</b></p> <p><b><u>Money, Miles, and Large Numbers</u></b><br/>January 30 – February 24<br/>(18 days)</p> <p>Core Content: 1.1.1, 1.2.1, 1.3.1, 2.1.1, 2.2.2*<br/><b>CCA#7</b></p> | <p style="text-align: center;"><b>Statistics</b></p> <p><b><u>Data: Kids, Cats, and Ads</u></b><br/>March 13 – March 31<br/>(15 days)</p> <p>Core Content: 3.3.1, 4.1.1, 4.1.2, 4.2.1<br/><b>CCA#7</b></p>   |
| <p style="text-align: center;"><b>Graphs</b></p> <p><b><u>Changes Over Time</u></b><br/>February 27 – March 17<br/>(14 days)</p> <p>Core Content: 3.3.1, 4.1.1, 4.1.2<br/><b>CCA#8</b></p>  | <p style="text-align: center;"><b>3-D Geometry</b><br/><b>2-D Geometry Review</b></p> <p><b><u>Containers and Cubes</u></b><br/>April 10 – April 28<br/>(15 days)</p> <p>Core Content: 3.1.1, 3.1.2, 3.1.3, 3.1.4*, 3.2.1 *<br/><b>CCA#8</b></p>             |
| <p style="text-align: center;"><b>Probability</b></p> <p>March 20 – March 24<br/>(5 days)</p> <p>Core Content: 4.4.1*, 4.4.2*<br/><b>CCA#9</b></p>  | <p style="text-align: center;"><b>Algebraic Thinking</b></p> <p><b><u>Patterns of Change</u></b><br/>May 1 – May 25<br/>(17 days)</p> <p>Core Content: 5.1.1, 5.1.2, 5.2.1, 5.3.1<br/><b>CCA#9</b></p>   |
| <p style="text-align: center;"><b>Multiplication and Division</b></p> <p><b><u>Packages and Groups</u></b><br/>March 27 – April 28<br/>(20 days)</p> <p>Core Content: 1.2.1, 1.3.1, 1.5.1<br/><b>CCA#10</b></p>                             |  |
| <p style="text-align: center;"><b>2-D Geometry</b></p> <p><b><u>Sunken Ships and Grid Patterns</u></b><br/>May 1 – May 12<br/>(9 days)</p> <p>Core Content: 3.1.1*, 3.1.2, 3.2.1, 3.2.2, 3.3.1<br/><b>CCA#11</b></p>                        |  |
| <p style="text-align: center;"><b>Data and Fractions</b></p> <p><b><u>Three out of Four Like Spaghetti</u></b><br/>May 15 – May 25<br/>(8 days)</p> <p>Core Content: 1.1.1, 1.1.2, 1.2.1<br/><b>CCA#12</b></p>                              |  |