

2014 – 2015 ELEMENTARY MATHEMATICS ASSESSMENT CALENDAR

The district will provide diagnostics for schools should schools choose to use them.

All schools will administer the four district proficiencies with FIDELITY: no additions, changes, or deletions.

The Mathematics Department recommends administering the Mathematics Diagnostic Assessments two – three weeks before the Proficiency Assessments to allow teachers time to intervene if needed. The Diagnostic Assessment templates will be entered into CASCADE, and a Word version will be placed on JCPS Online should a school desire to alter the diagnostic assessment to meet the needs of its students. The Mathematics Department enters the Proficiency Assessment templates into CASCADE.

| | ASSESSMENT | ASSESSMENT WINDOW OPENS | ASSESSMENT BLUEPRINT | SELECTED FOCUS TOPICS FOR ASSESSMENT |
|---------------------|--|-------------------------|----------------------|--|
| KINDERGARTEN | BRIGANCE Kindergarten Screen *STATE REQUIRED | 7/31/2014 – 9/23/2014 | Interview | |
| | WINTER Assessment *STATE REQUIRED | 1/20/2015 – 2/6/2015 | Interview | Focus Topic 1: Counting and Understanding Amount Counted Focus Topic 2: Writing Numbers and Counting “How Many?” within 10 Focus Topic 3: Classifying and Counting Objects Focus Topic 4: Identifying and Describing Shapes Focus Topic 5: Understanding and Representing Addition within 5 Focus Topic 6: Adding and Subtracting within 5 Focus Topic 7: Counting to 50 and Representing Up to 20 Objects Focus Topic 8: Describing and Comparing Measureable Attributes |
| | SPRING Assessment | 5/4/2015 – 6/30/2015 | Interview | Focus Topic 9: Comparing Numbers Focus Topic 10: Understanding Addition and Subtraction within 10 Focus Topic 11: Classifying Two- and Three- Dimensional Shapes Focus Topic 12: Composing 10 Focus Topic 13: Counting to 100 by Ones and Tens Focus Topic 14: Developing Foundations of Place Value Focus Topic 15: Modeling and Composing Shapes Focus Topic 16: Solving Problems and Demonstrating Fluency within 5 |
| | ASSESSMENT | ASSESSMENT WINDOW OPENS | ASSESSMENT BLUEPRINT | SELECTED FOCUS TOPICS FOR ASSESSMENT |
| GRADE 1 | Diagnostic 1 | 9/15/2014 | 15 MC | Foundational: Understanding Addition and Subtraction within 10 Foundational: Developing Foundations of Place Value |
| | Proficiency 1 | 10/8/2014 | 15 MC 2 SA | Focus Topic 1: Understanding Ten Ones Make a Ten Focus Topic 2: Using Data to Add and Subtract within 20 Focus Topic 3: Ordering and Comparing Lengths AND Telling/Writing Time to the Hour Focus Topic 4: Exploring Quantities |
| | Diagnostic 2 | 11/17/2014 | 15 MC | <i>Focus Topic 1: Understanding Ten Ones Make a Ten</i> <i>Focus Topic 2: Using Data to Add and Subtract within 20</i> |
| | Proficiency 2 *STATE REQUIRED | 12/8/2014 – 12/19/2014 | 15 MC 2 SA | Focus Topic 5: Developing Addition and Subtraction Strategies Focus Topic 6: Distinguishing Attributes of Shapes AND Telling/Writing Time to the Half Hour Focus Topic 7: Using Place Value to Read, Write, Represent, and Compare Numbers Focus Topic 8: Extending Strategies for Solving Addition and Subtraction Problems |
| | Diagnostic 3 | 2/2/2015 | 15 MC | <i>Focus Topic 7: Using Place Value to Read, Write, Represent, and Compare Numbers</i> <i>Focus Topic 8: Extending Strategies for Solving Addition and Subtraction Problems</i> |
| | Proficiency 3 | 2/23/2015 | 15 MC 2 SA | Focus Topic 9: Adding Multiples of 10 Focus Topic 10: Composing and Drawing Shapes Focus Topic 11: Interpreting and Using Symbols in Numeric Expressions and Comparisons Focus Topic 12: Using Understanding Place Value to Add and Subtract |
| | Diagnostic 4 | 4/13/2015 | 15 MC | <i>Focus Topic 11: Interpreting and Using Symbols in Numeric Expressions and Comparisons</i> <i>Focus Topic 12: Using Understanding Place Value to Add and Subtract</i> |
| | Proficiency 4 | 5/4/2015 | 15 MC 2 SA | Focus Topic 13: Applying Properties of Operations to Solve Problems Focus Topic 14: Measuring Lengths with Non-Standard Units Focus Topic 15: Finding Equal Shares of Shapes Focus Topic 16: Demonstrating Proficiency in Addition and Subtraction Situations |

Foundational Topics are identified from the previous grade and are assessed on Diagnostic 1 only.

Italicized Focus Topics are recurring assessment topics from the previous cycle.

| | ASSESSMENT | ASSESSMENT WINDOW OPENS | ASSESSMENT BLUEPRINT | SELECTED FOCUS TOPICS FOR ASSESSMENT |
|---------|---|---------------------------|----------------------|---|
| GRADE 2 | Diagnostic 1 | 9/15/2014 | 15 MC | Foundational: Using Place Value to Read, Write, Represent, and Compare Numbers Foundational: Using Understanding of Place Value to Add and Subtract |
| | Proficiency 1 | 10/8/2014 | 15 MC 2 SA | Focus Topic 1: Adding and Subtracting within 100 Focus Topic 2: Exploring Standard Units of Length Focus Topic 3: Relating Addition and Subtraction to Length Focus Topic 4: Relating Skip Counting to Time |
| | Diagnostic 2 | 11/17/2014 | 15 MC | <i>Focus Topic 2: Exploring Standard Units of Length</i> |
| | Proficiency 2 *STATE REQUIRED | 12/8/2014 – 12/19/2014 | 15 MC 2 SA | <i>Focus Topic 3: Relating Addition and Subtraction to Length</i> Focus Topic 5: Solving Problems Involving Money Focus Topic 6: Understanding Three-Digit Numbers Focus Topic 7: Expressing and Comparing Three-Digit Numbers Focus Topic 8: Relating Skip Counting to Mental Addition and Subtraction |
| | Diagnostic 3 | 2/2/2015 | 15 MC | <i>Focus Topic 5: Solving Problems Involving Money</i> |
| | Proficiency 3 | 2/23/2015 | 15 MC 2 SA | <i>Focus Topic 7: Expressing and Comparing Three-Digit Numbers</i> Focus Topic 9: Generating and Representing Measurement Data to Solve Problems Focus Topic 10: Reasoning with Shapes and Their Attributes Focus Topic 11: Applying Strategies to Add and Subtract within 1,000 |
| | Diagnostic 4 | 4/13/2015 | 15 MC | <i>Focus Topic 9: Generating and Representing Measurement Data to Solve Problems</i> <i>Focus Topic 11: Applying Strategies to Add and Subtract within 1,000</i> |
| | Proficiency 4 | 5/4/2015 | 15 MC 2 SA | Focus Topic 12: Developing Foundations of Multiplication through Exploring Even and Odd Numbers Focus Topic 13: Using Arrays for Foundations of Multiplication Focus Topic 14: Estimating and Comparing Lengths Focus Topic 15: Demonstrating Fluency in Addition and Subtraction |
| | ASSESSMENT | ASSESSMENT WINDOW OPENS | ASSESSMENT BLUEPRINT | SELECTED FOCUS TOPICS FOR ASSESSMENT |
| GRADE 3 | Diagnostic 1 | 9/15/2014 | 15 MC | Foundational: Applying Strategies to Add and Subtract within 1,000 Foundational: Using Arrays for Foundations of Multiplication |
| | Proficiency 1 | 10/13/2014 | 15 MC 2 SA | Focus Topic 1: Exploring Equal Groups as a Foundation for Multiplication and Division Focus Topic 2: Developing Conceptual Understanding of Area Focus Topic 3: Relating Addition and Subtraction to Length |
| | Diagnostic 2 | 11/10/2014 | 15 MC | <i>Focus Topic 1: Exploring Equal Groups as a Foundation for Multiplication and Division</i> <i>Focus Topic 2: Developing Conceptual Understanding of Area</i> |
| | Proficiency 2 | 12/8/2014 | 15 MC 2 SA | Focus Topic 4: Understanding Unit Fractions Focus Topic 5: Using Fractions in Measurement and Data Focus Topic 6: Solving Addition and Subtraction Problems Involving Measurement Focus Topic 7: Understanding the Relationship Between Multiplication and Division |
| | Diagnostic 3 | 1/26/2015 | 15 MC | <i>Focus Topic 5: Using Fractions in Measurement and Data</i> <i>Focus Topic 7: Understanding the Relationship Between Multiplication and Division</i> |
| | Proficiency 3 | 2/16/2015 | 15 MC 2 SA | Focus Topic 8: Investigating Patterns in Number and Operations Focus Topic 9: Developing Strategies for Multiplication and Division Focus Topic 10: Understanding Equivalent Fractions Focus Topic 11: Comparing Fractions |
| | Diagnostic 4 | 3/23/2015 | 15 MC | <i>Focus Topic 9: Developing Strategies for Multiplication and Division</i> <i>Focus Topic 10: Understanding Equivalent Fractions</i> |
| | Proficiency 4 | 4/27/2015 | 15 MC 2 SA | Focus Topic 12: Solving Problems Involving Area Focus Topic 13: Solving Problems Involving Shapes Focus Topic 14: Using Multiplication and Division to Solve Measurement Problems Focus Topic 15: Demonstrating Computational Fluency in Problem Solving |

Foundational Topics are identified from the previous grade and are assessed on Diagnostic 1 only.

Italicized Focus Topics are recurring assessment topics from the previous cycle.

| | ASSESSMENT | ASSESSMENT WINDOW OPENS | ASSESSMENT BLUEPRINT | SELECTED FOCUS TOPICS FOR ASSESSMENT |
|----------------|---------------|-------------------------|-----------------------|---|
| GRADE 4 | Diagnostic 1 | 9/15/2014 | 15 MC | Foundational: Comparing Fractions |
| | Proficiency 1 | 10/13/2014 | 15 MC 2 SA 1 ER | Foundational: Solving Problems Involving Area Focus Topic 1: Exploring Multiples and Factors Focus Topic 2: Applying Place Value Concepts in Whole Number Addition and Subtraction Focus Topic 3: Using Multiplication and Division Strategies with Larger Numbers Focus Topic 4: Decomposing and Composing Fractions for Addition and Subtraction |
| | Diagnostic 2 | 11/10/2014 | 15 MC | <i>Focus Topic 3: Using Multiplication and Division Strategies with Larger Numbers</i> <i>Focus Topic 4: Decomposing and Composing Fractions for Addition and Subtraction</i> |
| | Proficiency 2 | 12/8/2014 | 15 MC 2 SA 1 ER | Focus Topic 5: Understanding Fraction Equivalence and Comparison Focus Topic 6: Introducing Measurement Conversions Focus Topic 7: Solving Problems Using Multiplicative Comparison Focus Topic 8: Solving Measurement Problems Using the Four Operations |
| | Diagnostic 3 | 1/26/2015 | 15 MC | <i>Focus Topic 5: Understanding Fraction Equivalence and Comparison</i> <i>Focus Topic 7: Solving Problems Using Multiplicative Comparison</i> |
| | Proficiency 3 | 2/16/2015 | 15 MC 2 SA 1 ER | Focus Topic 9: Solving Addition and Subtraction Problems Involving Fractions and Mixed Numbers Focus Topic 10: Angle Measurement Focus Topic 11: Multiplying Fractions by Whole Numbers |
| | Diagnostic 4 | 3/23/2015 | 15 MC | <i>Focus Topic 9: Solving Addition and Subtraction Problems Involving Fractions and Mixed Numbers</i> <i>Focus Topic 11: Multiplying Fractions by Whole Numbers</i> |
| | Proficiency 4 | 4/27/2015 | 15 MC 2 SA 1 ER | Focus Topic 12: Comparing Decimal Fractions and Understanding Notation Focus Topic 13: Recognizing and Analyzing Attributes of Two-Dimensional Shapes Focus Topic 14: Problem Solving with Whole Numbers |
| | ASSESSMENT | ASSESSMENT WINDOW OPENS | ASSESSMENT BLUEPRINT | SELECTED FOCUS TOPICS FOR ASSESSMENT |
| GRADE 5 | Diagnostic 1 | 9/15/2014 | 15 MC | Foundational: Comparing Decimal Fractions and Understanding Notation Foundational: Problem Solving with Whole Numbers |
| | Proficiency 1 | 10/13/2014 | 15 MC 2 SA 1 ER | Focus Topic 1: Understanding Volume Focus Topic 2: Developing Multiplication and Division Strategies Focus Topic 3: Using Equivalency to Add and Subtract Fractions with Unlike Denominators Focus Topic 4: Expanding Understanding of Place Value to Decimals |
| | Diagnostic 2 | 11/10/2014 | 15 MC | <i>Focus Topic 2: Developing Multiplication and Division Strategies</i> <i>Focus Topic 3: Using Equivalency to Add and Subtract Fractions with Unlike Denominators</i> |
| | Proficiency 2 | 12/8/2014 | 15 MC 2 SA 1 ER | Focus Topic 5: Comparing and Rounding Decimals Focus Topic 6: Understanding the Concept of Multiplying Fractions by Fractions Focus Topic 7: Interpreting Multiplying Fractions as Scaling Focus Topic 8: Developing the Concept of Dividing Unit Fractions |
| | Diagnostic 3 | 1/26/2015 | 15 MC | <i>Focus Topic 6: Understanding the Concept of Multiplying Fractions by Fractions</i> <i>Focus Topic 7: Interpreting Multiplying Fractions as Scaling</i> |
| | Proficiency 3 | 2/16/2015 | 15 MC 2 SA 1 ER | Focus Topic 9: Solving Problems Involving Volume Focus Topic 10: Performing Operations with Decimals Focus Topic 11: Classifying Two-Dimensional Geometric Figures Focus Topic 12: Solving Problems with Fractional Quantities |
| | Diagnostic 4 | 3/23/2015 | 15 MC | <i>Focus Topic 9: Solving Problems Involving Volume</i> <i>Focus Topic 12: Solving Problems with Fractional Quantities</i> |
| | Proficiency 4 | 4/27/2015 | 15 MC 2 SA 1 ER | Focus Topic 13: Representing Algebraic Thinking Focus Topic 14: Exploring the Coordinate Plane Focus Topic 15: Finalizing Multiplication and Division with Whole Numbers |

Foundational Topics are identified from the previous grade and are assessed on Diagnostic 1 only.

Italicized Focus Topics are recurring assessment topics from the previous cycle.