

## 2015 – 2016 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 JCPS Elementary School Mathematics Assessment Calendar supports the KY Framework for Teaching; Domain 3-Dii.

*The Mathematics Department recommends administering the Mathematics Diagnostic Assessments two 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 Gheens SharePoint 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
<b>KINDERGARTEN</b>	BRIGANCE Kindergarten Screen <b>*STATE REQUIRED</b>	7/28/2015 – 9/18/2015	Interview	
	WINTER Assessment <b>*STATE REQUIRED</b>	1/11/2016 – 1/29/2016	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	5/2/2016 – 6/30/2016	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 Ten 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
<b>GRADE 1</b>	Diagnostic 1	9/23/2015	15 MC	Foundational: Understanding Addition and Subtraction within 10 Foundational: Developing Foundations of Place Value
	Proficiency 1	10/12/2015	15 MC 2 SA	Focus Topic 1: Understanding Ten Ones Make a Ten Focus Topic 2: Using Data to Add and Subtract to 20 Focus Topic 3: Measuring Lengths Indirectly and Iterating Length Units Focus Topic 4: Exploring Quantities to 99 AND Telling and Writing Time to the Hour
	Diagnostic 2	11/18/2015	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 <b>*STATE REQUIRED</b>	12/7/2015 – 12/18/2015	15 MC 2 SA	Focus Topic 5: Developing Addition and Subtraction Strategies Focus Topic 6: Telling and Writing Time to the Half Hour AND Finding Equal Shares of Shapes Focus Topic 7: Using Place Value to Read, Write, Represent, and Compare Numbers Focus Topic 8: Solving Addition and Subtraction Problems
	Diagnostic 3	2/15/2016	15 MC	<i>Focus Topic 7: Using Place Value to Read, Write, Represent, and Compare Numbers</i> <i>Focus Topic 8: Solving Addition and Subtraction Problems</i>
	Proficiency 3	3/1/2016	15 MC 2 SA	Focus Topic 9: Extending Strategies for Solving Addition and Subtraction Problems Focus Topic 10: Adding Multiples of Ten Focus Topic 11: Composing and Drawing Shapes Focus Topic 12: Interpreting and Using Symbols in Numeric Expressions and Comparisons
	Diagnostic 4	5/2/2016	15 MC	<i>Focus Topic 9: Extending Strategies for Solving Addition and Subtraction Problems</i> <i>Focus Topic 12: Interpreting and Using Symbols in Numeric Expressions and Comparisons</i>
	Proficiency 4	5/16/2016	15 MC 2 SA	Focus Topic 13: Using Understanding of Place Value to Add and Subtract Focus Topic 14: Applying Properties of Operations to Solve Problems Focus Topic 15: Measuring Lengths with Non-Standard Units 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
<b>GRADE 2</b>	Diagnostic 1	9/23/2015	15 MC	Foundational: Using Place Value to Read, Write, Represent, and Compare Numbers
	Proficiency 1	10/12/2015	15 MC 2 SA	Foundational: Using Understanding of Place Value to Add and Subtract Focus Topic 1: Understanding Three-Digit Numbers Focus Topic 2: Expressing and Comparing Three-Digit Numbers Focus Topic 3: Adding and Subtracting Within 100 Focus Topic 4: Exploring Standard Units of Length
	Diagnostic 2	11/18/2015	15 MC	<i>Focus Topic 2: Expressing and Comparing Three-Digit Numbers</i>
	Proficiency 2 <b>*STATE REQUIRED</b>	12/7/2015 – 12/18/2015	15 MC 2 SA	<i>Focus Topic 4: Exploring Standard Units of Length</i> Focus Topic 5: Relating Addition and Subtraction to Length Focus Topic 6: Relating Skip Counting to Time Focus Topic 7: Solving Problems Involving Money Focus Topic 8: Relating Skip Counting to Mental Addition and Subtraction
	Diagnostic 3	2/15/2016	15 MC	<i>Focus Topic 7: Solving Problems Involving Money</i>
	Proficiency 3	3/1/2016	15 MC 2 SA	<i>Focus Topic 8: Relating Skip Counting to Mental Addition and Subtraction</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 1000
	Diagnostic 4	5/2/2016	15 MC	<i>Focus Topic 9: Generating and Representing Measurement Data to Solve Problems</i>
	Proficiency 4	5/16/2016	15 MC 2 SA	<i>Focus Topic 11: Applying Strategies to Add and Subtract Within 1000</i> 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
<b>GRADE 3</b>	Diagnostic 1	9/23/2015	15 MC	Foundational: Applying Strategies to Add and Subtract within 1,000 Foundational: Using Arrays for Foundations of Multiplication
	Proficiency 1	10/12/2015	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	11/18/2015	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	12/7/2015 – 12/18/2015	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	2/15/2016	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	3/1/2016	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	4/13/2016	15 MC	<i>Focus Topic 9: Developing Strategies for Multiplication and Division</i> <i>Focus Topic 10: Understanding Equivalent Fractions</i>
	Proficiency 4	4/27/2016	15 MC 2 SA	Focus Topic 12: Solving Problems Involving Area Focus Topic 13: Solving Problems Involving Shapes Focus Topic 14: Solve Measurement and Data Problems Using the Four Operations 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
<b>GRADE 4</b>	Diagnostic 1	9/23/2015	15 MC	Foundational Topic: Understanding Equivalent Fractions Foundational Topic: 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
	Proficiency 1	10/12/2015	15 MC 2 SA 1 ER	Focus Topic 3: Using Multiplication and Division Strategies with Larger Numbers Focus Topic 4: Decomposing and Composing Fractions for Addition and Subtraction
	Diagnostic 2	11/18/2015	15 MC	Focus Topic 3: Using Multiplication and Division Strategies with Larger Numbers Focus Topic 4: Decomposing and Composing Fractions for Addition and Subtraction
	Proficiency 2	12/7/2015 – 12/18/2015	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	2/15/2016	15 MC	Focus Topic 5: Understanding Fraction Equivalence and Comparison Focus Topic 7: Solving Problems Using Multiplicative Comparison
	Proficiency 3	3/1/2016	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	4/13/2016	15 MC	Focus Topic 9: Solving Addition and Subtraction Problems Involving Fractions and Mixed Numbers Focus Topic 11: Multiplying Fractions by Whole Numbers
	Proficiency 4	4/27/2016	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
<b>GRADE 5</b>	Diagnostic 1	9/23/2015	15 MC	Foundational: Comparing Decimal Fractions and Understanding Notation Foundational: Problem Solving with Whole Numbers Focus Topic 1: Developing Multiplication and Division Strategies Focus Topic 2: Representing Algebraic Thinking Focus Topic 3: Understanding Volume Focus Topic 4: Using Equivalency to Add and Subtract Fractions with Unlike Denominators
	Proficiency 1	10/12/2015	15 MC 2 SA 1 ER	Focus Topic 1: Developing Multiplication and Division Strategies Focus Topic 4: Using Equivalency to Add and Subtract Fractions with Unlike Denominators
	Diagnostic 2	11/18/2015	15 MC	Focus Topic 1: Developing Multiplication and Division Strategies Focus Topic 4: Using Equivalency to Add and Subtract Fractions with Unlike Denominators
	Proficiency 2	12/7/2015 – 12/18/2015	15 MC 2 SA 1 ER	Focus Topic 5: Expanding Understanding of Place Value to Decimals Focus Topic 6: Comparing and Rounding Decimals Focus Topic 7: Understanding the Concept of Multiplying Fractions by Fractions Focus Topic 8: Interpreting Multiplying Fractions as Scaling
	Diagnostic 3	2/15/2016	15 MC	Focus Topic 7: Understanding the Concept of Multiplying Fractions by Fractions Focus Topic 8: Interpreting Multiplying Fractions as Scaling
	Proficiency 3	3/1/2016	15 MC 2 SA 1 ER	Focus Topic 9: Developing the Concept of Dividing Unit Fractions Focus Topic 10: Solving Problems Involving Volume Focus Topic 11: Performing Operations with Decimals Focus Topic 12: Classifying Two-Dimensional Geometric Figures
	Diagnostic 4	4/13/2016	15 MC	Focus Topic 10: Solving Problems Involving Volume Focus Topic 11: Performing Operations with Decimals
	Proficiency 4	4/27/2016	15 MC 2 SA 1 ER	Focus Topic 13: Solving Problems with Fractional Quantities Focus Topic 14: Exploring the Coordinate Plane Focus Topic 15: Finalizing Multiplication and Division with Whole Numbers

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