###### **Kindergarten Performance Rubrics: Math**

###### **Academic Standards Indicators**

EX= Exceeds: Exceeding grade-level standard for trimester

MS= Meets: Meeting grade-level standard for trimester

PR= Progressing: Progressing toward grade-level standard for trimester

NI= Needs Improvement: Demonstrating minimal or no progress and at risk for not meeting grade-level standard for trimester

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| **COUNTING AND CARDINALITY** (K.CC.A1; K.CC.A2)**Counts to 100 by 1s and 10s and counts forward from any given number (Unit 8)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 | Unable to rote count to 20 | Able to rote count to 20 | Able to rote count beyond 20 | Able to rote count to 100 by 1s with accuracy |
| 2 | Unable to rote count to 50 by 1s | Able to rote count numbers 0-50 from any given number with some accuracy | Able to rote count to 50 by 1s and 10s from any given number with accuracy | Able to rote count to 100 by 1s and 10s from any given number with accuracy |
| 3 | Unable to rote count to 100 by 1s and 10s | Able to rote count to 100 by 1s and 10s from any given number with some accuracy | Able to rote count to 100 by 1s and 10s from any given number with accuracy | Able to rote count to 100 by 1s, 10s and 5s with accuracy |

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| **Counting and Cardinality** (K.CC.A.3; K.CC.B4; K.CC.B5) **Counts objects and represents with a written numeral 0-20 (Units 1, 3, 4, 7 and 8)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 | Unable to count objects and write the corresponding numeral | Able to count objects to 5 and write the corresponding numeral with some accuracy | Able to count objects to 5 and write the corresponding numeral with accuracy | Able to count objects to 10 and write the corresponding numeral with accuracy |
| 2 | Unable to count objects to 10 and write the corresponding numeral | Able to count objects to 10 and write the corresponding numeral with some accuracy | Able to count objects to 10 and write the corresponding numeral with accuracy | Able to count to 20 and write the corresponding numeral with accuracy |
| 3 | Unable to count objects to 20 and write the corresponding numeral | Able to count objects to 20 and write the corresponding numeral with some accuracy | Able to count objects to 20 and write the corresponding numeral with accuracy | Able to count objects beyond 20 and write the corresponding numeral with accuracy |

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| **Counting and Cardinality**  (K.CC.C6; K.CC.C7) **Compares numbers (Units 2 and 4)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 | Unable to compare two groups of objects to 5 and find which is greater, less or equal | Able to compare two groups of objects to 5 and find which is greater, less or equal with some accuracy | Able to compare two groups of objects to 5 and find which is greater, less or equal with accuracy | Able to compare two groups of objects to 10 and find which is greater, less or equal with accuracy |
| 2 | Unable to compare two groups of objects to 10 and find which is greater, less or equal | Able to compare two groups of objects to 10 and find which is greater, less or equal with some accuracy | Able to compare two groups of objects to 10 and find which is greater, less or equal with accuracy | Able to compare two written numerals between 1 and 5 |
| 3 | Unable to compare 2 written numerals between 1 and 10 | Able to compare two written numerals between 1 and 10 with some accuracy | Able to compare two written numerals between 1 and 10 with accuracy | Able to compare two written numerals between 10 and 20 with accuracy |

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| **OPERATIONS AND ALGEBRAIC THINKING** (K.OA.A.1-5)**Understands concepts of addition to 10 (Unit 5)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 |  |  |  |  |
| 2 | Unable to understand concepts of addition within 10 by:   * Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations * Solving word problems * Explaining the relationships between addition and subtraction | Able to understand concepts of addition within 10 with some accuracy by:   * Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations * Solving word problems * Explaining the relationships between addition and subtraction | Able to understand concepts of addition within 10 with accuracy by:   * Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations * Solving word problems * Explaining the relationships between addition and subtraction | Able to apply concepts of addition to numbers within 20 with accuracy by:   * Using mental images or equations * Solving word problems * Explaining the relationships between addition and subtraction |
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| **Operations and Algebraic Thinking** (K.OA.A1-5) **Understands concepts of subtraction to 10 (Unit 6)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 |  |  |  |  |
| 2 | Unable to understand concepts of subtraction within 10 by:   * Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions or equations * Solving word problems * Explaining the relationships between addition and subtraction | Able to understand concepts of subtraction within 10 with some accuracy by:   * Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions or equations. * Solving word problems, * Explaining the relationships between addition and subtraction | Able to understand concepts of subtraction within 10 with accuracy by:   * Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions or equations * Solving word problems * Explaining the relationships between addition and subtraction | Able to apply concepts of subtraction to numbers within 20 with accuracy by:   * Using mental images or equations * Solving word problems, * Explaining the relationships between addition and subtraction |
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| **NUMBER AND OPERATIONS IN BASE TEN** (K.NBT.A)**Composes and decomposes numbers 11-19 into tens and ones (Unit 7)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 |  |  |  |  |
| 2 | Unable to rarely compose and decompose numbers from 11 to 19 into ten ones and some more ones by:   * Using objects, drawings and recording composition or decomposition by a drawing or equation * Understanding that these numbers are composed of ten ones and some more ones | Able to compose and decompose numbers from 11 to 19 into ten ones and some more ones with some accuracy by:   * Using objects, drawings and recording composition or decomposition by a drawing or equation * Understanding that these numbers are composed of ten ones and some more ones | Able to compose and decompose numbers from 11 to 19 into ten ones and some more ones with accuracy by:   * Using objects, drawings and recording composition or decomposition by a drawing or equation * Understanding that these numbers are composed of ten ones and some more ones | Able to compose and decompose numbers 20 or more into ten ones and some more ones with accuracy by:   * Using objects, drawings and recording composition or decomposition by a drawing or equation * Understanding that these numbers are composed of ten ones and some more ones |
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| **MEASUREMENT AND DATA** (K.MD.A1-2)**Describes and compares measurable attributes (Unit 11)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 | Unable to describe and compare objects by length or weight and describe several measurable attributes of a single objects | Able to describe and compare objects by length or weight and describe several measurable attributes of a single objects with some accuracy | Able to describe and compare objects by length or weight and describe several measurable attributes of a single objects with accuracy | Able to describe and compare objects by length or weight, and applies measurable attributes to real life situations |

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| **Measurement and Data** (K.MD.B3)**Classifies objects into categories (Unit 12)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 | Unable to classify objects into given categories, count the number of objects in each category, and sort categories that are less than or equal to 10 | Able to classify objects into given categories, count the number of objects in each category, and sort categories that are less than or equal to 10 with some accuracy | Able to classify objects into given categories, count the number of objects in each category, and sort categories that are less than or equal to 10 with accuracy. | Able to classify objects into given categories, count the number of objects in each category, and sort categories that are equal to or more than 10 with accuracy |

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| **GEOMETRY** (K.G.A.1-3)**Identifies and describes shapes (Units 9 and 10)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 | Unable to identify and analyze attributes of geometric shapes and compare to other shapes | Able to identify and analyze attributes of geometric shapes and compare to other shapes with some accuracy | Able to consistently identify and analyze attributes of geometric shapes and compare to other shapes with accuracy. | Able to identify and analyze above-grade-level geometric shapes with accuracy (ex. octagon, diamond, trapezoid, cone, cylinder, etc.) |

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| **Geometry** (K.G.B4-6) **Analyzes, compares, creates, and composes shapes (Unit 10)** | | | | |
| **Trimester** | **NI** | **PR** | **MS** | **EX** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 | Unable to analyze, compare, and compose 2D and 3D shapes and describe shape attributes | Able to analyze, compare, and compose 2D and 3D shapes and describe shape attributes with some accuracy | Able to analyze, compare, and compose 2D and 3D shapes and describe shape attributes with accuracy | Able to analyze, compare, draw, and compose 2D and 3D shapes and describe shape attributes with accuracy |