

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

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 and 10s and 2s and 5s with accuracy

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 corresponding numeral with accuracy	Able to count objects beyond 20 and write the corresponding numeral with accuracy

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

OPERATIONS AND ALGEBRAIC THINKING (K.OA.A.1-5)➤ *Understands concepts of addition to 10 (Unit 5)*

Trimester	NI	PR	MS	EX
1				
2	<p>Unable to understand concepts of addition as:</p> <ul style="list-style-type: none"> Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations Solving word problems 	<p>Able to understand concepts of addition with some accuracy by:</p> <ul style="list-style-type: none"> Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations Solving word problems 	<p>Able to understand concepts of addition with accuracy by:</p> <ul style="list-style-type: none"> Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations Solving word problems 	<p>Able to understand concepts of addition with accuracy by:</p> <ul style="list-style-type: none"> Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations Solving word problems Explaining the relationships between addition and subtraction
3	<p>Unable to understand concepts of addition within 10 by:</p> <ul style="list-style-type: none"> Using objects, fingers, mental 	<p>Able to understand concepts of addition within 10 with some accuracy by:</p> <ul style="list-style-type: none"> Using objects, 	<p>Able to understand concepts of addition within 10 with accuracy by:</p> <ul style="list-style-type: none"> Using objects, 	<p>Able to apply concepts of addition to numbers within 20 with accuracy by:</p> <ul style="list-style-type: none"> Using mental

	<p>images, drawings, sounds, acting out situations, verbal explanations or equations</p> <ul style="list-style-type: none"> • Solving word problems • Explaining the relationships between addition and subtraction 	<p>fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations</p> <ul style="list-style-type: none"> • Solving word problems • Explaining the relationships between addition and subtraction 	<p>fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations</p> <ul style="list-style-type: none"> • Solving word problems • Explaining the relationships between addition and subtraction 	<p>images or equations</p> <ul style="list-style-type: none"> • 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	<p>Unable to understand concepts of subtraction within 5 by:</p> <ul style="list-style-type: none"> Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations Solving word problems 	<p>Able to understand concepts of subtraction within 5 with some accuracy by:</p> <ul style="list-style-type: none"> Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations Solving word problems 	<p>Able to understand concepts of subtraction within 5 with accuracy by:</p> <ul style="list-style-type: none"> Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations Solving word problems 	<p>Able to understand concepts of subtraction within 5 with accuracy by:</p> <ul style="list-style-type: none"> Using objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations or equations Solving word problems Explaining the relationships between addition and subtraction
3	<p>Unable to understand concepts of subtraction within 10 by:</p> <ul style="list-style-type: none"> Using objects, 	<p>Able to understand concepts of subtraction within 10 with some accuracy by:</p>	<p>Able to understand concepts of subtraction within 10 with accuracy by:</p>	<p>Able to apply concepts of subtraction to numbers within 20 with accuracy by:</p>

	<p>fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions or equations</p> <ul style="list-style-type: none"> ● Solving word problems ● Explaining the relationships between addition and subtraction 	<ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● 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	<p>Unable to compose and decompose numbers from 0-10 by:</p> <ul style="list-style-type: none"> 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 	<p>Able to compose and decompose numbers from 0-10 with some accuracy by:</p> <ul style="list-style-type: none"> 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 	<p>Able to compose and decompose numbers from 0-15 with accuracy by:</p> <ul style="list-style-type: none"> 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 	<p>Able to compose and decompose numbers from 11 to 19 into ten ones and some more ones with accuracy by:</p> <ul style="list-style-type: none"> 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
3	<p>Unable to rarely compose and decompose numbers from 11 to 19 into ten</p>	<p>Able to compose and decompose numbers from 11 to 19 into ten ones and some more</p>	<p>Able to compose and decompose numbers from 11 to 19 into ten ones and some more</p>	<p>Able to compose and decompose numbers 20 or more into ten ones and some more ones</p>

	<p>ones and some more ones by:</p> <ul style="list-style-type: none"> • 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 	<p>ones with some accuracy by:</p> <ul style="list-style-type: none"> • 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 	<p>ones with accuracy by:</p> <ul style="list-style-type: none"> • 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 	<p>with accuracy by:</p> <ul style="list-style-type: none"> • 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

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

GEOMETRY (K.G.B4-6)

➤ *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.)

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