



North Carolina Department of
PUBLIC INSTRUCTION

North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 3 | A

Student ID: 1234567890

Student Name: SIERRA TEST

Process Date: 10/8/2021

School Name: Green Mountain Elementary

Recently, your student took an NC Check-In 2.0 in mathematics. This report provides information on your student's progress in learning grade 3 mathematics. At this time, your student's progress is indicated as ranging from Approaching to Satisfactory. Your student's teacher will use this information to address learning needs for the remainder of the school year.

Approaching- The student is beginning to understand these concepts; more support is needed.

Satisfactory- The student has a satisfactory understanding of these concepts.

Note: The circle shows how the student is progressing on each learning concept.

For more information regarding these standards, please visit <https://www.dpi.nc.gov/media/4007/open>.

Math Learning Concepts Tested	Progress on Learning Concepts
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Multiply two numbers (10 or lower).Understand the meaning of factors in a multiplication number sentence.Explain and use a range of strategies to solve a multiplication problem.	Approaching ● Satisfactory
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Divide two numbers (a number divided by a single-digit divisor, leading to a single-digit answer/quotient).Understand the meaning of divisor and quotient in a division number sentence.	Approaching ● Satisfactory
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Recognize patterns of multiplication on a hundreds board and/or multiplication table.	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Add and subtract whole numbers up to and including 1,000.Can break apart numbers as a strategy for adding and subtracting larger numbers.	Approaching ● Satisfactory
Geometry, Measurement, and Data Students can: <ul style="list-style-type: none">Understand information on a frequency table, picture graph, or bar graph.Solve one and two-step "how many more" and "how many less" problems using information from these graphs.	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 3 | B

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Math Learning Concepts Tested	Progress on Learning Concepts
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Solve multiplication and division one-step word problems, using a range of strategies.Use a number sentence to represent a multiplication or division word problem, using a symbol for any unknown numbers.	Approaching ● Satisfactory
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Solve two-step word problems using addition, subtraction, and multiplication, representing problems using number sentences with a symbol for the unknown number.	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Find the value of single digit number multiplied by a multiple of 10 (10 - 90).	Approaching ● Satisfactory
Geometry, Measurement, and Data Students can: <ul style="list-style-type: none">Find the area of a rectangle by multiplying its length and width.Find the area of a larger rectangle by breaking it into two smaller rectangles.	Approaching ● Satisfactory
Geometry, Measurement, and Data Students can: <ul style="list-style-type: none">Find the perimeter of a shape when given all its side lengths.Find the unknown side length of a shape when given its perimeter.	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 3 | C

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Student Name: SIERRA TEST

Process Date: 10/8/2021

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Math Learning Concepts Tested	Progress on Learning Concepts
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Solve two-step word problems using addition, subtraction, and multiplication.	Approaching  Satisfactory
Numbers and Operations — Fractions Students can: <ul style="list-style-type: none">Identify fractions, using area and length models.	Approaching  Satisfactory
Numbers and Operations — Fractions Students can: <ul style="list-style-type: none">Identify fractions that are equivalent.Identify fractions that have a value of one.	Approaching  Satisfactory
Numbers and Operations — Fractions Students can: <ul style="list-style-type: none">Compare the value of fractions that share either the same denominator or numerator.	Approaching  Satisfactory
Geometry, Measurement, and Data Students can: <ul style="list-style-type: none">Break apart quadrilaterals to form triangles.Identify types of quadrilaterals.Identify properties of quadrilaterals.	Approaching  Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 4 | A

Student ID: 1234567890

Student Name: SIERRA TEST

Process Date: 10/8/2021

School Name: Green Mountain Elementary

Recently, your student took an NC Check-In 2.0 in mathematics. This report provides information on your student's progress in learning grade 4 mathematics. At this time, your student's progress is indicated as ranging from Approaching to Satisfactory. Your student's teacher will use this information to address learning needs for the remainder of the school year.

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Math Learning Concepts Tested	Progress on Learning Concepts
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Understand multiplication as comparing amounts (e.g., $4 \times 6 = 24$ means 4 times as many as 6).Solve comparison word problems using models, equations, and symbols for unknowns.Know when to compare by multiplying vs. adding.	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Read and write numbers up to 100,000, using numerals, words, and expanded form.	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Add and subtract numbers up to 100,000 using place value and the standard method.	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Compare numbers up to 100,000 using place value and symbols like $>$, $=$, and $<$.	Approaching ● Satisfactory
Geometry, Measurement, and Data Students can: <ul style="list-style-type: none">Draw and identify points, lines, angles, and line types like parallel and perpendicular.Solve area and perimeter problems using formulas, including for combined shapes.Solve problems where the area stays the same but the perimeter changes or where the perimeter stays the same but the area changes.	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 4 | B

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Math Learning Concepts Tested	Progress on Learning Concepts
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Solve two-step word problems using all operations.Use estimation and decide what to do with remainders.Write equations with a letter to represent the unknown.	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Multiply 3-digit numbers by 1-digit numbers, or multiply two 2-digit numbers.Use area models, place value, and other strategies to understand how multiplication works.	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Divide up to 3-digit numbers by 1-digit numbers, including with remainders.Use models, place value, and multiplication to understand division.	Approaching ● Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Use models to show why two fractions can be equal, even if the parts look different.	Approaching ● Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Compare fractions with different numerators or denominators using models or benchmarks like $\frac{1}{2}$Use $>$, $=$, or $<$ and explain the comparison by using size or common denominators.	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 4 | C

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Math Learning Concepts Tested	Progress on Learning Concepts
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Multiply 3-digit numbers by 1-digit numbers, or multiply two 2-digit numbers.Use area models, place value, and other strategies to understand how multiplication works.	Approaching ● Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Add and subtract fractions and mixed numbers with the same denominator.Break fractions into parts and solve word problems using models or equations.	Approaching ● Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Multiply whole numbers by fractions using models and reasoning.Solve word problems involving multiplying a fraction by a whole number.	Approaching ● Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Use decimals to represent fractions and use models to connect fractions and decimals.Write and add fractions with 10 and 100 as denominators.	Approaching ● Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Compare decimals to hundredths using models and symbols like $>$, $=$, and $<$.Understand that comparisons only work when decimals refer to the same whole.	Approaching ● Satisfactory
Geometry, Measurement, and Data Students can: <ul style="list-style-type: none">Classify triangles and quadrilaterals by their angles, sides, and line types.Ask questions, collect data, and make graphs like bar graphs or line plots.Understand the difference between numerical and categorical data.	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 5 | A

Student ID: 1234567890

Student Name: SIERRA TEST

Process Date: 10/8/2021

School Name: Green Mountain Elementary

Recently, your student took an NC Check-In 2.0 in mathematics. This report provides information on your student's progress in learning grade 5 mathematics. At this time, your student's progress is indicated as ranging from Approaching to Satisfactory. Your student's teacher will use this information to address learning needs for the remainder of the school year.

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Math Learning Concepts Tested	Progress on Learning Concepts
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Work with or solve expressions by adding, subtracting, multiplying, and dividing, using parentheses and/or order of operations	Approaching ● Satisfactory
Operations and Algebraic Thinking Students can: <ul style="list-style-type: none">Create number patterns for two rulesCreate and graph ordered pairs	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Multiply a two-digit number by a three-digit number using the standard algorithm	Approaching ● Satisfactory
Measurement and Data Students can: <ul style="list-style-type: none">Find the volume of a box, by using the formula width x length x heightFind the volume of two connected boxes	Approaching ● Satisfactory
Geometry Students can: <ul style="list-style-type: none">Identify order pairs on a graph	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 5 | B

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Math Learning Concepts Tested	Progress on Learning Concepts
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Divide up to four-digit numbers by a two-digit number, including remainders	Approaching <input checked="" type="radio"/> Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Add and subtract fractions and mixed numbers (using different denominators)Use this knowledge to solve one- and two-step word problems	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Multiply fractions by whole numbers or mixed numbersUse this knowledge to solve one-step word problems	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Solve one-step word problems by dividing whole numbers by unit fractions (fractions where top number is one); and dividing unit fractions by whole numbers	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
Measurement and Data Students can: <ul style="list-style-type: none">Interpret data on a line graphClassify data as categorical (e.g., favorite color) or numerical	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 5 | C

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Math Learning Concepts Tested	Progress on Learning Concepts
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Read, write, and compare decimals to thousandths	Approaching ● Satisfactory
Numbers and Operations in Base Ten Students can: <ul style="list-style-type: none">Add, subtract, multiply and divide to solve real world problems with multi-digit whole numbers and decimals	Approaching ● Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Solve one-step word problems by dividing whole numbers to obtain fractions and mixed numbers	Approaching ● Satisfactory
Numbers and Operations - Fractions Students can: <ul style="list-style-type: none">Multiply fractions by whole numbers; fractions by fractions (including mixed numbers)Use this knowledge to solve one-step word problems	Approaching ● Satisfactory
Measurement and Data Students can: <ul style="list-style-type: none">Solve one-step conversion problems within a given measurement system	Approaching ● Satisfactory



North Carolina Department of
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North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 6 | A

Student ID: 1234567890

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Math Learning Concepts Tested	Progress on Learning Concepts
Ratio and Proportional Reasoning Students can: <ul style="list-style-type: none">Understand that a ratio is a comparison of two amounts.Represent a ratio in different ways.	Approaching <input type="radio"/> Satisfactory
Ratio and Proportional Reasoning Students can: <ul style="list-style-type: none">Use equal ratios to solve problems by:<ul style="list-style-type: none">Finding missing numbers in a table.Using a ratio that describes one of one amount to more than one of another amount.Working with measurement conversions.Graphing ratios.	Approaching <input checked="" type="radio"/> Satisfactory
The Number System Students can: <ul style="list-style-type: none">Divide a number into its smaller factors.Find the greatest number that will divide into two numbers not more than 100.Rewrite sums of numbers using their factors.Find a larger number two numbers (not more than 12) will both divide into.	Approaching <input type="radio"/> Satisfactory
Geometry Students can: <ul style="list-style-type: none">Find the area of two-dimensional shapes by dividing into smaller rectangles and triangles.	Approaching <input checked="" type="radio"/> Satisfactory
Geometry Students can: <ul style="list-style-type: none">Make a flat pattern for three-dimensional rectangular boxes and pyramids.Use the flat pattern to find the area of all the flat surfaces of the three-dimensional shape.	Approaching <input type="radio"/> Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 6 | B

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Math Learning Concepts Tested	Progress on Learning Concepts
Ratio and Proportional Reasoning Students can: <ul style="list-style-type: none">Use ratios and percents.Understand that a percent is an amount per 100.Use equal ratios and benchmark percentages to find a part of an amount.Find an amount, given a part and a percent.	Approaching ● Satisfactory
The Number System Students can: <ul style="list-style-type: none">Divide fractions and/or mixed numbers, including solving real-world situations.Explain the answer to a fractional (including mixed number) division problem.	Approaching ● Satisfactory
The Number System Students can: <ul style="list-style-type: none">Divide numbers bigger than 1,000.Explain the answer to a division problem.	Approaching ● Satisfactory
The Number System Students can: <ul style="list-style-type: none">Add, subtract, multiply, and divide decimals.	Approaching ● Satisfactory
Expressions and Equations Students can: <ul style="list-style-type: none">Write numerical expressions with multiple steps.Use order of operations to simplify a numerical expression.	Approaching ● Satisfactory



North Carolina Department of
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North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 6 | C

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Math Learning Concepts Tested	Progress on Learning Concepts
The Number System Students can: <ul style="list-style-type: none">Understand numbers can be written as a fraction and place them on a number line or graph.<ul style="list-style-type: none">Place fractions on a number line.Understand how to graph (x, y) coordinates on a two-dimensional graph.Know that when the (x, y) coordinates for a point only differ by a negative sign, then the points are across from one another on a two-dimensional graph.	<div>Approaching Satisfactory</div>
Expressions and Equations Students can: <ul style="list-style-type: none">Let letters stand for numbers to create numerical expressions (like $2x + 5$).Identify parts of a numerical expression.Substitute a value into and evaluate a numerical expression.	<div>Approaching Satisfactory</div>
Expressions and Equations Students can: <ul style="list-style-type: none">Let letters stand for numbers to create numerical expressions (like $2x + 5$) and solve real-world problems.	<div>Approaching Satisfactory</div>
Expressions and Equations Students can: <ul style="list-style-type: none">Solve problems by writing and solving one-step equations that contain positive whole numbers or those that can be written as a fraction.	<div>Approaching Satisfactory</div>
Geometry Students can: <ul style="list-style-type: none">Plot (x, y) coordinates in a two-dimensional graph to draw shapes.Find the length of the side of a shape (graphed on a two-dimensional graph) where either the x- or y-values are the same.	<div>Approaching Satisfactory</div>



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 7 | A

Student ID: 1234567890

Student Name: SIERRA TEST

Process Date: 10/8/2021

School Name: Green Mountain Elementary

Recently, your student took an NC Check-In 2.0 in mathematics. This report provides information on your student's progress in learning grade 7 mathematics. At this time, your student's progress is indicated as ranging from Approaching to Satisfactory. Your student's teacher will use this information to address learning needs for the remainder of the school year.

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Math Learning Concepts Tested	Progress on Learning Concepts
Geometry Students can: <ul style="list-style-type: none">Recognize that in comparing a scale drawing and the actual object, angles remain the same and side lengths are proportional.Use a scale drawing to solve problems and calculate lengths and areas.	Approaching <input checked="" type="radio"/> Satisfactory
The Number System Students can: <ul style="list-style-type: none">Add, subtract, multiply, and divide rational numbers (whole numbers, fractions, decimals), including word problems.	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
Ratio and Proportional Reasoning Students can: <ul style="list-style-type: none">Calculate unit rates (amount of something per one unit of something else) with ratios of fractions.	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
Ratio and Proportional Reasoning Students can: <ul style="list-style-type: none">Represent and compare proportional relationships.Determine if a relationship is proportional.Create equations and graphs for proportional relationships.Identify the unit rate.Understand the meaning of a point on a graph.	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
Ratio and Proportional Reasoning Students can: <ul style="list-style-type: none">Solve real-world ratio and percent problems using unit rates.	Approaching <input checked="" type="radio"/> Satisfactory



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NC Check-In 2.0 | Math | Grade 7 | B

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Math Learning Concepts Tested	Progress on Learning Concepts
Expressions and Equations Students can: <ul style="list-style-type: none">Add, subtract, and expand expressions (algebraic statements).Factor a linear expression with a positive or negative whole number.	Approaching <input checked="" type="radio"/> Satisfactory
Expressions and Equations Students can: <ul style="list-style-type: none">Use algebraic expressions to solve problems.Add, subtract, multiply, and divide rational numbers (positive and negative whole numbers, decimals, and fractions).Convert between number forms and equivalent (equal) expressions.	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
Expressions and Equations Students can: <ul style="list-style-type: none">Create and solve multi-step equations and inequalities where the variable (a letter that represents an unknown amount) is on one side, including word problems.Explain what a solution or a solution set means in context.Graph the solution set for an inequality (an unequal relationship between quantities using $<$, $>$, \geq, \leq).	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
The Number System Students can: <ul style="list-style-type: none">Add, subtract, multiply, and divide rational numbers, including word problems.	Approaching <input type="radio"/> Satisfactory <input checked="" type="radio"/>
Ratio and Proportional Reasoning Students can: <ul style="list-style-type: none">Solve real-world ratio and percent problems using unit rates in proportional relationships.	Approaching <input checked="" type="radio"/> Satisfactory



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NC Check-In 2.0 | Math | Grade 7 | C

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Math Learning Concepts Tested	Progress on Learning Concepts
Expressions and Equations Students can: <ul style="list-style-type: none">Create and solve multi-step equations and inequalities where the variable (a letter that represents an unknown amount) is on one side, including word problems.Explain what a solution or solution set means in context.Graph the solution set for an inequality (an unequal relationship between quantities using $<$, $>$, \geq, \leq).	Approaching ● Satisfactory
Geometry Students can: <ul style="list-style-type: none">Use supplementary (add to 180°), complementary (add to 90°), and vertical (directly opposite) and adjacent (side by side) angles to create and solve multi-step equations to find an unknown angle.	Approaching ● Satisfactory
Geometry Students can: <ul style="list-style-type: none">Determine area and perimeter of 2D objects made of triangles, quadrilaterals, and polygons.Find volume and surface area of pyramids, prisms, and 3D objects made of pyramids and right prisms.	Approaching ● Satisfactory
Statistics and Probability Students can: <ul style="list-style-type: none">Find probabilities of simple events (i.e., drawing a card, flipping a coin, or rolling a number cube).Use a probability model created by repeatedly performing a chance process (i.e., flipping a coin or rolling a number cube) and its recorded outcomes.Compare theoretical (mathematically calculated) and experimental probabilities and explain why they may not be the same.	Approaching ● Satisfactory
Statistics and Probability Students can: <ul style="list-style-type: none">Find probabilities of compound events (i.e., flipping a coin and rolling a number cube) using organized lists, tables, tree diagrams, and simulations.Determine the sample space (all possible outcomes) for an event.Use a simulation to generate frequencies of compound events).	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 8 | A

Student ID: 1234567890

Student Name: SIERRA TEST

Process Date: 10/8/2021

School Name: Green Mountain Elementary

Recently, your student took an NC Check-In 2.0 in mathematics. This report provides information on your student's progress in learning grade 8 mathematics. At this time, your student's progress is indicated as ranging from Approaching to Satisfactory. Your student's teacher will use this information to address learning needs for the remainder of the school year.

Approaching- The student is beginning to understand these concepts; more support is needed.

Satisfactory- The student has a satisfactory understanding of these concepts.

Note: The circle shows how the student is progressing on each learning concept.

For more information regarding these standards, please visit <https://www.dpi.nc.gov/media/4008/open>.

Math Learning Concepts Tested	Progress on Learning Concepts
The Number System Students can: <ul style="list-style-type: none">Identify irrational numbers (numbers whose decimal forms do not repeat or end).	Approaching ● Satisfactory
Expressions and Equations Students can: <ul style="list-style-type: none">Use exponent rules to make equal expressions.	Approaching ● Satisfactory
Expressions and Equations Students can: <ul style="list-style-type: none">Write and solve equations and inequalities with variables (letters that represent unknown amounts) on both sides.Recognize when equations have one solution, no solutions, or many solutions.	Approaching ● Satisfactory
Functions Students can: <ul style="list-style-type: none">Understand that functions match one x-value to one y-value when given tables or ordered pairs.	Approaching ● Satisfactory
Geometry Students can: <ul style="list-style-type: none">Apply rotations (turns), reflections (flips), translations (slides), and dilations (reductions/enlargements) to figures on the coordinate plane.	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 8 | B

Student ID: 1234567890

Student Name: SIERRA TEST

Process Date: 10/8/2021

School Name: Green Mountain Elementary

Recently, your student took an NC Check-In 2.0 in mathematics. This report provides information on your student's progress in learning grade 8 mathematics. At this time, your student's progress is indicated as ranging from Approaching to Satisfactory. Your student's teacher will use this information to address learning needs for the remainder of the school year.

Approaching- The student is beginning to understand these concepts; more support is needed.

Satisfactory- The student has a satisfactory understanding of these concepts.

Note: The circle shows how the student is progressing on each learning concept.

For more information regarding these standards, please visit <https://www.dpi.nc.gov/media/4008/open>.

Math Learning Concepts Tested	Progress on Learning Concepts
Expressions and Equations Students can: <ul style="list-style-type: none">Write and solve equations and inequalities with variables (letters that represent unknown amounts) on both sides.Recognize when equations have one solution, no solutions, or many solutions.	Approaching ● Satisfactory
Functions Students can: <ul style="list-style-type: none">Identify linear functions (where one x-value matches one y-value to make a straight line) from tables and equations.	Approaching ● Satisfactory
Functions Students can: <ul style="list-style-type: none">Work with linear functions whose equations are in the form of $y = mx + b$, where m represents the slope (change over time) of the line and b represents the starting value.Given two points, write an equation in the form of $y = mx + b$.Given a graph or table, determine the slope and starting value of a linear relationship.	Approaching ● Satisfactory
Functions Students can: <ul style="list-style-type: none">Describe a graph by identifying where the graph is increasing or decreasing; linear (straight line) or non-linear.Sketch a graph to describe a real-world situation.	Approaching ● Satisfactory
Geometry Students can: <ul style="list-style-type: none">Recognize the relationship between the angles inside of a triangle and between the angles created when parallel lines are cut by another line.Recognize triangles are similar when two angles are equal.Solve problems using angle relationships.	Approaching ● Satisfactory



North Carolina Individual Student Report

NC Check-In 2.0 | Math | Grade 8 | C

Student ID: 1234567890

Student Name: SIERRA TEST

Process Date: 10/8/2021

School Name: Green Mountain Elementary

Recently, your student took an NC Check-In 2.0 in mathematics. This report provides information on your student's progress in learning grade 8 mathematics. At this time, your student's progress is indicated as ranging from Approaching to Satisfactory. Your student's teacher will use this information to address learning needs for the remainder of the school year.

Approaching- The student is beginning to understand these concepts; more support is needed.

Satisfactory- The student has a satisfactory understanding of these concepts.

Note: The circle shows how the student is progressing on each learning concept.

For more information regarding these standards, please visit <https://www.dpi.nc.gov/media/4008/open>.

Math Learning Concepts Tested	Progress on Learning Concepts
Expressions and Equations Students can: <ul style="list-style-type: none">Solve a system of two linear equations (equations whose graphs make a straight line) in the form of $y = mx + b$, including those arising from word problems.Understand that the solution to a system of equations is where the two lines intersect.	Approaching ● Satisfactory
Functions Students can: <ul style="list-style-type: none">Compare characteristics of two linear functions if they are given in different ways (equation form, tables, words).	Approaching ● Satisfactory
Statistics and Probability Students can: <ul style="list-style-type: none">Create and interpret a scatter plot graph to determine if a relationship exists between x- and y-values.	Approaching ● Satisfactory
Statistics and Probability Students can: <ul style="list-style-type: none">Model the relationship between x- and y-values by informally matching a straight line to a scatter plot graph.	Approaching ● Satisfactory
Statistics and Probability Students can: <ul style="list-style-type: none">Use an equation in $y = mx + b$ form to solve problems by interpreting the meaning of m (the slope, or change in values) and b (the y-intercept, or starting point).	Approaching ● Satisfactory