East Greenbush 3-8 Three Year Analysis
ELA

Grade	Lowest Performing Standards
3	**RL.3.2** Recount stories, including fables, folktales, and myths from diverse cultures; determine the central message, lesson, or moral and explain how it is conveyed through key details in the text.
	Sample Question: Which statement **best** describes a lesson learned from the story?
3	**RI.3.4** Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a *grade 3 topic or subject area*.
	Sample Question: The word "stalks" in paragraph 4 shows that the lion club…
3	**L.3.4a** Use sentence-level context as a clue to the meaning of a word or phrase.
	Sample Question: Based on paragraphs 2 and 7, a "paleontologist" is a person who **mainly**…
	Highest Performing Standards
3	**RI.3.5** Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently.
	Sample Question: The first illustration best helps the reader understand the information in which paragraph?
3	**RI.3.3** Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.
	Sample Question: Before wolf pups can hunt together, they must first…

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4	**RI.4.4** Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a *grade 4 topic or subject area*
	Sample Question: Read these sentences from paragraph 11 of the article…What is the meaning of "submerged" as it is used here?
4	**RI.4.8** Explain how an author uses reasons and evidence to support particular points in a text.
	Sample Question: Which sentence supports the idea that scientists are **not** certain that all animals sleep?
	Highest Performing Standards
4	RL.4.3 Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text (e.g., a character's thoughts, words, or actions).
	Sample Question: Why is Pecos Bill's conversation with the cowboys important to the story?
4	RL.4.7 Make connections between the text of a story or drama and a visual or oral presentation of the text, identifying where each version reflects specific descriptions and directions in the text.
	Sample Question: The illustration best helps the reader to understand…

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5	**RI.5.3** Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.
	Sample Question: Which of these is more important to BMX racing than to freestyle BMX?
5	**RI.5.8** Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).
	Sample Question: The information in paragraphs 7 and 8 best supports the idea that manufacturers develop…
5	**RI.5.2** Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.
	Sample Question: Which key detail helps the reader understand the importance of using wind tunnels?
	Highest Performing Standards
5	**RL.5.1** Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
	Sample Question: Which words from the story **best** show Grandma Talley's sense of humor?
5	**RI.5.1** Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
	Sample Question: Read these sentences from paragraphs 2 and 11…What can the reader conclude from these sentences?
5	**RI.5.4** Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.
	Sample Question: The word "collide" comes from a Latin word meaning "strike together." Based on this information, what is the meaning of "collide" in paragraph 2?

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6	**RI.6.1** Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text
	Sample Question: Why do loggerhead hatchlings have to learn differently from the way many other animals learn?
6	**RL.6.4** Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of a specific word choice on meaning and tone
	Sample Question: In line 1, what does the simile "like the ghosts of horses" suggest?
6	**RI.6.8** Trace and evaluate the argument and specific claims in a text, distinguishing claims that are supported by reasons and evidence from claims that are not.
	Sample Question: Read this sentence from lines 12 and 13…. Which claim from the article is best supported by this sentence?
	Highest Performing Standards
6	**RL.6.1** Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
	Sample Question: In line 7, why don't the ponies "understand the grass"?
6	**RI.6.2** Determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.
	Sample Question: Which detail is most helpful for understanding the central idea of the article?
6	**RI.6.5** Analyze how a particular sentence, paragraph, chapter, or section fits into the overall structure of a text and contributes to the development of the ideas.
	Sample Question: Why are lines 9 through 13 important to the article?

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7	**RL.7.3** Analyze how particular elements of a story or drama interact (e.g., how setting shapes the characters or plot)
	Sample Question: Morales's coaching style affects Molly by…
7	**RL.7.4** Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings
	Sample Question: What does the author mean by the phrase "a piece of the sky" in lines 68 and 69?
7	**RI.7.8** Trace and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims.
	Sample Question: The information in the text box on Edmond Halley offers support for which claim made by the author?
	Highest Performing Standards
7	**RL.7.5** Analyze how a drama's or poem's form or structure (e.g., soliloquy, sonnet) contributes to its meaning.
	Sample Question: What effect does the author achieve by including the imagined scene in lines 29 through 36?
7	**RI.7.5** Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to the development of the ideas.
	Sample Question: How is the article mainly structured?

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8	**RL.8.2** Determine a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, setting, and plot; provide an objective summary of the text.
	Sample Question: Which excerpt confirms the theme of Cassie as a reluctant hero?
8	**RI.8.5** Analyze in detail the structure of a specific paragraph in a text, including the role of particular sentences in developing and refining a key concept.
	Sample Question: How do lines 1 through 3 help to develop a key concept of the article?
8	**RI.8.6** Determine an author-s point of view or purpose in a text and analyze how the author acknowledges and responds to conflicting evidence or viewpoints.
	Sample Questions: Lines 58 through 69 suggest that the author believes
	Highest Performing Standards
8	**RL.8.3** Analyze how particular lines of dialogue or incidents in a story or drama propel the action, reveal aspects of a character, or provoke a decision.
	Sample Question: Read the sentence from lines 23 and 24…What does this sentence reveal about Cassie?
8	**RI.8.3** Analyze how a text makes connections among and distinctions between individuals, ideas, or events (e.g., through comparisons, analogies, or categories).
	Sample Question: In "Brain Birds" and "A Soft Spot for Crows," are the authors' attitudes toward crows and ravens positive or negative? How do the authors convey their views? Use examples from both articles to support your response.

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3	**3.OA.1** Interpret products of whole numbers, e.g., interpret 5 × 7 as the total number of objects in 5 groups of 7 objects each.
	Sample Question: Which expression could be used to find the total number of circles shown below?
3	**3.MD.6** Measure areas by counting unit squares (square cm, square m, square in, square ft, and improvised units).
	Sample Question: What is the area, in square feet, of the bathroom floor?
	Highest Performing Standards
3	**3.OA.8** Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.
	Sample Question: Selena had 204 stamps in her collection. She bought 47 more stamps. If she gave 38 stamps to her brother, how many stamps does Selena have now?
3	**3.MD.3** Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step "how many more" and "how many less" problems using information presented in scaled bar graphs.
	Sample Question: Which picture graph correctly shows the data?
3	**3.OA.9** Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.
	Sample Question: Which statement is true about the number of tiles in any row?

Grade	Lowest Performing Standards
4	**4.NBT.2** Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.
	Sample Question: Which expression represents the number 13,809 written in expanded form?
	Highest Performing Standards
4	**4.OA.2** Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.
	Sample Question: A club's first meeting was attended by 28 people. The first meeting was attended by 4 times as many people as the second meeting. How many people attended the second meeting?
4	**4.NBT.1** Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.
	Sample Question: In the number 344,586, how many times greater is the value represented by the 4 in the ten thousands place than the value represented by the 4 in the thousands place?
4	**4.MD.3** Apply the area and perimeter formulas for rectangles in real world and mathematical problems.
	Sample Question: Dennis wants to buy carpet for the rectangular floor of his living room. The room is 12 feet long and 16 feet wide. What is the area, in square feet, of the living room floor?

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5	**5.NBT.2** Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.
	Sample Question: Which expression is equivalent to 100,000?
5	**4.NF.6** Use decimal notation for fractions with denominators 10 or 100.
	Sample Question: The fifth-grade classes at Brookfield School used five identical buses to go on a field trip…. How many adults went on the field trip with the fifth-grade classes?
5	**5.NF.7a** Interpret division of a unit fraction by a non-zero whole number, and compute such quotients
	Sample Question: What is the value of the expression below? 1/4 ÷ 8?
	Highest Performing Standards
5	**5.OA.1** Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.
	Sample Question: Which expression is equivalent to 32?
5	**5.MD.1** Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems.
	Sample Question: Nellie has a watering can that contains 20 cups of water. She pours one quart of water on each plant in her yard. If Nellie uses all of the water in the watering can, how many plants does she water?
5	**5.MD.4** Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units
	Sample Question: What is the volume, in cubic centimeters, of the figure below?

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6	**6.RP.A.1Understand** the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.
	Sample Question: Arnold's entire workout consisted of 10 minutes of warm-up exercises, 25 minutes of lifting weights, and 15 minutes on the treadmill. What was the ratio of the number of minutes he lifted weights to the total number of minutes of his entire workout?
	Highest Performing Standards
6	**6.NS.5** Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.
	Sample Question: On the same day, the temperature in Ney York, New York is -6°, and is +55° in Los Angles, California. How many degrees warmer was it in Los Angles than in New York on that day? *(Note: Not from NYS Assessment)*
6	**6.G.1** Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.
	Sample Question: Erica drew the parallelogram below…. Which expression can Erica use to find the area of the parallelogram?

Grade	Lowest Performing Standards
7	**7.EE.A.1** Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.
	Sample Question: The three steps shown below were used to find an expression equivalent to . Which expression could be used as Step 1?
	Highest Performing Standards
7	**7.RP.3** Use proportional relationships to solve multistep ratio and percent problems.
	Sample Question: During a sale, a store offered a 40% discount on a particular camera that was originally priced at $450. After the sale, the discounted price of the camera was increased by 40%. What was the price of the camera after this increase?
7	**7.NS.3** Solve real-world and mathematical problems involving the four operations with rational numbers
	Sample Question: Evaluate the following expression…
7	**7.SP.1** Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.
	Sample Question: For a population of 100,000, which sampling is better? *(note: not from NYS Assessment)*

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8	**8.F.1** Understand that a function is a rule that assigns to each input exactly one output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding output.<
	Sample Question: The four tables below show relationships in which the x values represent inputs and the y values represent the corresponding outputs…. Which table represents a relationship that is not a function?
8	**8.F.2** Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).
	Sample Question: Madison created two functions. For Function A, the value of y is two less than four times the value of x. The table below represents Function B…. In comparing the rates of change, which statement about Function A and Function B is true?
	Highest Performing Standards
8	**8.EE.5** Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.
	Sample Question: During an experiment, the temperature of a substance increased at a constant rate of three degrees Celsius (°C) per hour. Which graph represents this relationship?
8	**8.G.9** Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems
	Sample Question: A water tank is in the shape of a right circular cylinder with a height of 20 feet and a volume of 320π cubic feet. What is the diameter, in feet, of the water tank?
8	**8.SP.3** Use the equation of a linear model to solve problems in the context of bivariate measurement data, interpreting the slope and intercept.
	Sample Question: The researcher used the line …to model the data. When she substituted the value into this equation, what did the result tell her?