

Reading/Language Arts

- 01 Oral Comprehension** **10,11**
Demonstrate both literal and interpretive understanding of passages that are read aloud.
Use writing or other means to respond to literal and interpretive questions about passages that are read aloud.
- 02 Basic Understanding** **10–21/22**
Demonstrate understanding of the literal meaning of a passage through identifying stated information, indicating sequence of events, and defining grade-level vocabulary.
Write responses to questions requiring literal information from passages and documents.
- 03 Analyze Text** **11–21/22**
Demonstrate comprehension by drawing conclusions; inferring relationships, such as cause and effect; and identifying theme and story elements, such as plot, climax, character, and setting.
Write responses that show an understanding of the text that goes beyond surface meaning.
- 04 Evaluate and Extend Meaning** **11–21/22**
Demonstrate critical understanding by making predictions; distinguishing between fact and opinion, and reality and fantasy; transferring ideas to other situations; and judging author purpose, point of view, and effectiveness.
Write responses that make connections between texts based on common themes and concepts; evaluate author purpose and effectiveness, and extend meaning to other contexts.
- 05 Identify Reading Strategies** **11–21/22**
Demonstrate awareness of techniques that enhance comprehension, such as using existing knowledge, summarizing content, comparing information across texts, using graphics and text structure, and formulating questions that deepen understanding.
Write responses that interpret and extend the use of information from documents and forms, and that demonstrate knowledge and use of strategies.
- 06 Introduction to Print** **10–12**
Demonstrate knowledge of sound/symbol and structural relationships in letters, words, and signs.
Write responses that show knowledge of letters and words.
- 07 Sentence Structure** **11–21/22**
Demonstrate an understanding of conventions for writing complete and effective sentences, including treatment of subject and verb, punctuation, and capitalization.
Demonstrate an understanding of conciseness and clarity of meaning in combining two sentences.

Reading/Language Arts (continued)

- 08 Writing Strategies** **11–21/22**
Demonstrate knowledge of information sources, outlines, and other pre-writing techniques.
Demonstrate an understanding of the use of topic sentences, concluding sentences, connective and transitional words and phrases, supporting statements, sequencing ideas, and relevant information in writing expository prose.
- 09 Editing Skills** **11–21/22**
Identify the appropriate use of capitalization, punctuation, nouns, pronouns, verbs, adjectives, and adverbs in existing text.
Demonstrate knowledge of writing conventions and sentence structure through identifying and correcting errors in existing text and in text written by the student.

Mathematics

- 10 Number and Number Relations** **10–21/22**
Demonstrate an understanding of number, number sense, and number theory by ordering numbers, representing numbers in equivalent forms, identifying relationships, interpreting numbers in real-world situations, and applying number concepts in real-world situations.
Communicate, model, or represent an understanding of number and number relationships.
- 11 Computation and Numerical Estimation** **10–21/22**
Demonstrate proficiency in computation procedures, solve real-world computation problems, apply a variety of estimation strategies, and determine reasonableness of results.
Explain estimation strategies, compare computation techniques, and evaluate and verify solutions.
- 12 Operation Concepts** **11–21/22**
Demonstrate an understanding of the properties and relationships of operations, relate mathematical representations to problem situations, and apply operational processes to solve problems.
Communicate, model, or represent an understanding of operation concepts.
- 13 Measurement** **10–21/22**
Demonstrate an understanding of measurement systems, units, and tools by describing, calculating, or estimating size, location, and time; by using the concepts of perimeter, area, volume, capacity, weight, and mass; and by identifying appropriate degrees of accuracy.
Solve problems involving principles of measurement, rate, and scale.
Use manipulatives to explore shapes, area, and perimeter; and to model and represent measurement problems.
Describe measurement processes, compare techniques, estimate, and communicate estimation strategies.

Mathematics (continued)

- 14 Geometry and Spatial Sense** 10–21/22
Demonstrate spatial sense and an understanding of geometry by visualizing and identifying two- and three-dimensional objects, classifying shapes, recognizing symmetry, using transformations, applying geometric formulas, and evaluating properties of geometric figures.
Use manipulative shapes to explore spatial relationships and patterns, and to model geometric problems.
- 15 Data Analysis, Statistics and Probability** 10–21/22
Analyze, interpret, and evaluate data in various forms; and apply the concepts and processes of data analysis, statistics, and probability to real-world situations.
Represent and interpret data, model probability situations, describe trends, and evaluate or construct arguments based on data.
- 16 Patterns, Functions, Algebra** 10–21/22
Recognize and extend patterns.
Demonstrate an understanding of functional relationships, algebraic processes, variables, and inequality.
Recognize algebraic representations of problem situations and apply algebraic methods to solve real-world problems.
Create and model patterns and functional relationships, and use algebraic representations to model problems.
- 17 Problem Solving and Reasoning** 11–21/22
Select and apply problem-solving strategies, identify necessary information, use patterns and relationships to evaluate situations, apply inductive and deductive reasoning and spatial and proportional reasoning, and solve a variety of nonroutine, real-world problems.
Formulate problems, evaluate mathematical arguments, evaluate and generalize solutions, and justify answers and solution strategies.
- 18 Communication** 11–21/22[†]
Relate daily vocabulary to mathematical terminology; and relate models, diagrams, and pictures to mathematical ideas.
Model problem situations, and describe and evaluate mathematical ideas and situations graphically or in writing.

Science

- 19 Science Inquiry** 11–21/22
Demonstrate an understanding of the fundamental concepts of science inquiry. Demonstrate the ability to perform science inquiry.
Through text, diagrams, and drawings, provide explanations of investigations, analyze investigations, and communicate results.

Science (continued)

- 20 Physical Science** **11–21/22**
Demonstrate an understanding of the fundamental concepts and principles of physical science. Apply physical science knowledge to investigations and real-world contexts.
Through text, diagrams, and drawings, provide explanations of physical science concepts and principles.
- 21 Life Science** **11–21/22**
Demonstrate an understanding of the fundamental concepts and principles of life science. Apply life science knowledge to investigations and real-world contexts.
Through text, diagrams, and drawings, provide explanations of life science concepts and principles.
- 22 Earth and Space Science** **11–21/22**
Demonstrate an understanding of the fundamental concepts and principles of Earth and space science. Apply Earth and space science knowledge to investigations and real-world contexts.
Through text, diagrams, and drawings, provide explanations of Earth and space science concepts and principles.
- 23 Science and Technology** **11–21/22**
Demonstrate an understanding of technological design. Demonstrate an understanding of how technology and science interact and affect one another.
Through text, diagrams, and drawings, provide explanations of technological design and science and technology issues.
- 24 Personal and Social Perspectives in Science** **11–21/22**
Demonstrate an understanding of the fundamental concepts and principles of science that have a direct impact on personal and social issues, such as personal health, populations, resources, environment, and technology.
Through text, diagrams, and drawings, provide explanations of science concepts and principles that directly affect people and society.
- 25 History and Nature of Science** **13–21/22[†]**
Demonstrate an understanding of science as a human endeavor, the nature of scientific knowledge, and the history of science.

Social Studies

- 26 Geographic Perspectives** **11–21/22**
Demonstrate an understanding of concepts and process skills related to the study of the world's people, places, and environments, and their interactions over time.
Construct answers, use geographic tools, and create solutions or products using inquiry skills and knowledge related to geographic perspectives.
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Social Studies (continued)

- 27 Historical and Cultural Perspectives** 11–21/22
Demonstrate an understanding of concepts and process skills related to the study of time, continuity, and societal change throughout history.
Demonstrate an understanding of concepts and process skills related to the study of the contributions, influences, and interactions of various cultures.
Construct answers and create solutions or products, using inquiry skills and knowledge related to historical and cultural perspectives.
- 28 Civics and Government Perspectives** 11–21/22
Demonstrate an understanding of concepts and process skills related to the study of civic responsibilities and the structures and functions of government.
Construct answers, and create solutions or products using inquiry skills and knowledge related to the role of today's citizens and the structures and functions of government.
- 29 Economic Perspectives** 11–21/22
Demonstrate an understanding of concepts and process skills related to the study of the production, distribution, and consumption of goods and services at local, regional, and global levels.
Construct answers and create solutions or products, using inquiry skills and knowledge related to economic perspectives.

Supplemental Tests

Word Analysis

- 30 Consonants/Singles, Blends, Digraphs** 11–13
Recognize initial or final single consonant sounds, consonant blends, or digraphs.
- 31 Sight Words** 11
Identify sight words in sentences presented orally.
- 32 Vowels** 11–13
Recognize short, long, and variant vowel sounds in words.
- 33 Contractions and Compounds** 12, 13
Identify the meaning of contractions.
Recognize compound words or their components.
- 34 Roots and Affixes** 12, 13
Identify word roots or affixes.

Vocabulary

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|-----------|---|-----------------|
| 35 | Word Meaning
Demonstrate an understanding of word meanings and relationships. | 11–21/22 |
| 36 | Multimeaning Words
Identify multimeaning words by inferring words missing from sentences. | 12–21/22 |
| 37 | Words in Context
Use context to infer words missing from passages. | 11–21/22 |

Language Mechanics

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| 38 | Sentences, Phrases, Clauses
Identify the appropriate use of capitalization and punctuation in sentences, phrases, and clauses; and with quotations and dialogue. | 12–21/22 |
| 39 | Writing Conventions
Identify the appropriate use of capitalization and punctuation with proper nouns, titles, contractions, possessive nouns, and pronouns. | 12–21/22 |

Spelling

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|-----------|---|-----------------|
| 40 | Vowels
Identify the correct spelling of vowel sounds in words presented in sentences and phrases. | 12–21/22 |
| 41 | Consonants
Identify the correct spelling of consonant sounds in words presented in sentences and phrases. | 12–21/22 |
| 42 | Structural Units
Identify the correct spelling of structural units in words presented in sentences and phrases. | 12–21/22 |

Mathematics Computation

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| 43 | Add Whole Numbers
Add whole numbers. | 11–16 |
| 44 | Subtract Whole Numbers
Subtract whole numbers. | 11–15 |
| 45 | Multiply Whole Numbers
Multiply whole numbers. | 12–16 |
| 46 | Divide Whole Numbers
Divide whole numbers. | 13–16 |
| 47 | Decimals
Add, subtract, multiply, and divide decimals. | 13–20 |
| 48 | Fractions
Add, subtract, multiply, and divide fractions. | 14–21/22 |

Social Studies (continued)

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Mathematics Computation *(continued)*

49	Integers Add, subtract, multiply, and divide integers.	17-21/22
50	Percents Solve computational problems involving percents.	16-21/22
51	Order of Operations Solve computational problems involving the standard order of operations.	16-21/22
52	Algebraic Operations Solve computational problems involving exponents, roots, absolute value, and algebraic expressions and equations.	18-21/22