

LANGUAGE ARTS

1st Grade

Student Readers (Lexile 400-630)
Class Read Alouds (Lexile 770-1060)

Skills

- Letter formation (print)
- Review letters-sounds including consonant digraphs, segmenting, blending two-syllable words, sight words
- Double-letter spelling, CVCe words, long vowels, r-controlled vowels, spelling tests
- Common and proper nouns, verbs, past, present and future verb tenses, adjectives, pronouns, contractions, past tense –ed, plural endings –s, -es, suffix endings –ed, -ing
- Sentence types, narrative writing, descriptive writing, opinion letter, instructional writing, noun-verb agreement, conjunctions

Knowledge

- Fables and Stories
- The Human Body
- Different Lands, Similar Stories
- Early World Civilizations
- Early American Civilizations
- Astronomy
- History of the Earth
- Animals and Habitats
- Fairy Tales
- American Independence
- Frontier Explorers

2nd Grade

Student Readers (Lexile 430-660)
Class Read Alouds (Lexile 780-1060)

Skills

- Letter formation (print and cursive)
- Review letters-sounds, alphabetizing to the second letter, sight words
- Read and write one and two syllable words with short and long vowel sounds
- Suffixes –ing, -ed, -tion; contractions, common and proper nouns, antonyms, synonyms, present and past tense verbs, subject and predicate, adjectives, adverbs, irregular plurals
- Capitalization and punctuation, including quotation marks, apostrophes for possession, titles
- Narrative writing, persuasive writing, taking notes from text, multiparagraph reports, editing for grammar, complete sentences, and run-on sentences

Knowledge

- Fairy Tales and Tall Tales
- Early Asian Civilizations
- The Ancient Greek Civilization
- Greek Myths
- The War of 1812
- Cycles in Nature
- Westward Expansion
- Insects
- The US Civil War (& Portuguese Liberal Wars)
- Human Body: Building Blocks & Nutrition
- Immigration
- Fighting for a Cause

3rd Grade

Student Readers (Lexile 580-860)

Integrated Skills and Knowledge

- Letter formation (cursive)
- Review of long and short vowels, r-controlled vowels, and consonant-le syllables, suffix and root words, alphabetization to the third letter, dictionary skills
- Parts of speech, concrete and abstract nouns, pronouns, adjectives, adverbs, conjunctions, prefixes and suffixes, sentence structure, subject-verb agreement,
- Character analysis, plot, sequence, theme, vocabulary, point of view, cause and effect
- Opinion writing, information writing, biography, annotation, summarization
 - Classic Tales
 - Animal Classification
 - Human Body: systems and senses
 - Light and Sound
 - Astronomy
 - Native Americans
 - Colonial America
 - Ecology

4th Grade

Student Readers (Lexile 800-1100)

Integrated Skills and Knowledge

- Handwriting practice (cursive)
- Literary devices including similes and metaphors, dialogue, transition words, sensory details, and point of view, cause & effect
- Informative writing using details from the text, note taking, evidence to support opinions, paraphrasing
- Figurative language, poetic devices including rhyme, repetition, alliteration, meter, tone, extended metaphors
- Complex literary and informational reading
- Opinion, informational, narrative writing, and compare and contrast using text evidence, research, observation, vocabulary, and persuasion
 - Personal Narratives
 - Poetry
 - Eureka! Student Inventor
 - Geology
 - Contemporary Fiction

WORLD HISTORY AND GEOGRAPHY

*indicates a topic that is integrated into Core Knowledge Language Arts

1st Grade	2nd Grade	3rd Grade	4th Grade
Continents, Countries and Maps	Ancient India*	World Rivers	Exploring Maps and World Mountains
Mesopotamia*	Ancient China*	Ancient Rome* (& Ancient People of Iberia)	Medieval Europe* (& the Moors in Portugal)
Ancient Egypt*	The Culture of Japan	The Vikings*	Early Islamic Civilizations* and African Kingdoms
Three World Religions*	Ancient Greece*	Exploration of North America * (and Portuguese Exploration)	Dynasties of China
Early Civilizations of the Americas* (and Portugal)	Geography of the Americas (and Portugal)	Formation of Portugal & The Portugal Crisis	The American Revolution* (& Restoration of Independence in Portugal)
Early American Explorers and Settlers* (Portuguese Explorers)	Symbols and Figures of Portugal		1755 Earthquake

1st Grade

2nd Grade

Concepts and skill development through hands-on instruction and practice: basic facts, place value, mental math, geometry concepts

- Group objects and numbers up to 120 in tens and ones
- Use number bonds to represent number combinations
- Count by 1s and 10s forward and backward to 100
- Compare and order numbers to 100
- Use base-ten blocks to represent numbers to 120
- Understand that dividing a shape into more equal shares makes smaller shares
- Identify coin values (American and EU)
- Add and subtract two-digit number with and without re-grouping
- Solve addition and subtraction problems using basic facts
- Find the total number of items in equal groups
- Use mental math strategies to add and subtract
- Identify and extend growing and repeating patterns
- Use Associative and Commutative Properties of Addition
- Use a variety of concrete, pictorial, and symbolic models for addition and subtraction
- Write addition and subtraction number sentences
- Identify real word 2D shapes
- Sort and classify 2D shapes based on attributes
- Measure and compare lengths and weights
- Read a calendar to identify days of the week, months, and seasons
- Tell time in hours and half hours on an analog clock
- Collect and organize data to tally and make picture graphs
- Apply and explain problem solving process

- Group objects and numbers up to 1000 into hundreds, tens, and ones
- Use base-ten blocks to create equivalent representations of numbers
- Count by 1s, 10s, and 100s to 1000
- Compare and order numbers to 1000
- Use base-ten blocks to represent numbers to 1000
- Partition circles and rectangles into unit fraction halves, thirds, and fourths
- Identify bill values (American and EU)
- Add and subtract whole numbers to 1000
- Solve multi-digit addition and subtraction problems by using a bar model
- Multiply and divide with 2,3,4,5, and 10
- Solve and fact problems
- Use mental math strategies to add and subtract
- Identify rules for number patterns
- Understand the addition and subtraction are inverse operations
- Use Distributive Property as a multiplication strategy
- Identify odd and even numbers
- Use a variety of concrete, pictorial, and symbolic models for addition, subtraction, multiplication and division
- Determine the value of missing quantities in number sentences
- Use $>$ and $<$ to write number sentences
- Identify lines, curves, triangles, quadrilaterals, pentagons, hexagons, and cubes
- Identify and classify 3D shapes
- Use rulers to measure length in cm, m, in, and ft
- Measure and compare weight
- Tell time to the nearest five minutes
- Collect, organize and interpret data using a variety of graphs
- Apply and explain problem solving process

3rd Grade

4th Grade

Emphasis on problem solving, skills consolidation, and a deep understanding in preparation for algebra:
fractions, decimals, ratios, model drawing, expressions, equations, and inequalities

- Represent numbers to 10,000 in equivalent forms
- Count by 100s and 1000s
- Compare and order numbers to 10,000
- Compare fractions using models and number lines
- Add and subtract money
- Add and subtract whole numbers to 10,000
- Multiply and divide with 6, 7, 8, 9, 10, 11, and 12
- Multiply ones, tens, and hundreds with and without regrouping
- Use bar models to represent multiplication and division
- Solve one and two step multiplication and division problems
- Use rounding to estimate
- Create and describe addition, multiplication and division patterns
- Understand that multiplication and division are related
- Represent two-step word problems with unknown quantities
- Write and solve multiplication and division number sentences
- Identify perpendicular and parallel lines
- Identify right angles
- Describe, analyze, compare, and classify 2D shapes by their sides and angles
- Solve one step real world problems with measurement
- Tell time to the nearest minute
- Determine elapsed time
- Add and subtract units of time
- Measure perimeter
- Find and compare area
- Collect and organize data in bar graphs and line plots
- Interpret bar, picture and line graphs
- Apply and explain problem solving process

- Represent numbers to 1,000,000 in various contexts
- Count by hundred thousands, ten thousands, and thousands
- Compare and order numbers to 1,000,000
- Generate equivalent fractions
- Identify equivalent fractions and decimals
- Fluently add and subtract multi-digit whole numbers using the standard algorithm
- Fluently recall multiplication and division facts
- Multiply a 4-digit number by a one-digit number and a two-digit number by another two-digit number
- Add and subtract like fractions
- Use a rule to describe a sequence of numbers or objects
- Represent multiplication and division as inverse operations
- Find the greatest common factor and the least common multiple
- Determine if a number is prime or composite
- Write and solve a number sentence for multi-step word problems
- Draw perpendicular and parallel lines
- Draw and measure angles
- Understand the relationship between angles and circular measurement (360 degrees)
- Find unknown angle measures and side lengths of squares and rectangles
- Recognize symmetry
- Find perimeter of composite figures
- Construct line plots, tables, and line graphs
- Interpret tally charts, bar graphs, picture graphs, tables, line graphs, and line plots
- Apply and explain problem solving process

NGSS SCIENCE › AMPLIFY SCIENCE

1st Grade	2nd Grade	3rd Grade	4th Grade
<ul style="list-style-type: none"> • Animal and Plant Defenses • Light and Sound • Spinning Earth 	<ul style="list-style-type: none"> • Plant and Animal Relationships • Properties of Materials • Changing Landforms 	<ul style="list-style-type: none"> • Balancing Forces • Inheritance and Traits • Environments and Survival • Weather and Climate 	<ul style="list-style-type: none"> • Energy Conversions • Vision and Light • Earth’s Features • Waves, Energy, and Information