



1ST GRADE

COURSE LIST

Language Arts/Reading

Unit 1 – Phonemic Awareness and Consonant Sounds

This unit introduces the alphabet, including the vowel A and the consonants B, C, D, F, G, H, J, K, L, M, N, P, R, S, T, V, W, and Z. It further discusses tracking letter sounds, sight words, reading simple words, reading books, the consonant teams Wh, Ch, Th, and Sh, and applying letter sounds, and includes practice listening to and comprehending stories read aloud.

Unit 2 – Sentences and Spelling Words

This unit discusses capital letters, spelling with short A, the letters X and Qu, consonant tracking with train cars, using a keyboard to type words, sentences, vocabulary, correct word order, finding, writing, and finishing statements, and using correct word order to share ideas. It also includes practice listening to and comprehending stories read aloud.

Unit 3 – Sentences and Short Vowels

This unit covers the importance of vowels, initial and medial short vowel sounds, spelling with short I, finding and writing questions and exclamations, sentence order, choosing punctuation, and practice listening to and comprehending stories read aloud.

Unit 4 – Personal Narrative and Reading Long Vowels

This unit discusses personal narrative, including writing ideas, revising, listening, and presentation. Also covered are vocabulary words, as well as spelling with short O, vowel plus E sounds, vowel plus E word blending, adding E to the end in reading, and spelling sight words by typing.



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Unit 5 – Different Genres and Reading Vowel Teams

This unit discusses reading vowel teams, including discovery, vowel team sounds, slider vowel sounds, spelling with short E, the "two vowels go walking" rule in reading, vowel tracking with train cars, applying vowel teams, vowel plus R (crazy R's), and vowel plus R word blending. Also covered are features of non-fiction text, using illustration to find details, distinguishing between information sources, comparing genres, and connecting ideas.

Unit 6 – Consonant Blends and Basic Expectancies

This unit discusses spelling with short vowels, reading and spelling the letters C and G, rhyming, tracking, and spelling words that end with mp and nt, reading letters on squares, and practicing expectancies.

Unit 7 – Consonant Blends and Nouns

This unit discusses nouns, including noun discovery, people nouns, days of the week, months of the year, capitalizing special words, plural nouns with s and with es, irregular plural nouns, and applying nouns. Also covered are vocabulary, tracking and spelling words with dr, gr, and tr, reading and spelling plurals, and practice listening to and comprehending stories read aloud.

Unit 8 – Plural Nouns and Book Reports

This unit discusses vocabulary words, possessive nouns, abbreviations, spelling plural nouns by adding S, diagrams, comparing and contrasting characters, details in writing, and techniques for writing a book report, including gathering ideas, organizing ideas, and collaborating with peers.



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Unit 9 – Consonant Teams and Action Verbs

This unit covers verbs, including present, past, and future tense verbs, using was, were, is, and are, and comparing and applying verbs. Also discussed are vocabulary words, sorting and spelling words with cl, fl, sl, and st. The unit also provides practice listening to and comprehending stories read aloud.

Unit 10 – Explanatory Writing and Reading Syllables

This unit discusses reading syllables, counting syllables, open and closed syllables, and applying what we have learned about syllables. Also covered are vocabulary words, charts, logical order and sequence, and reading and spelling words with double consonants, as well as the steps for explanatory writing including revising, speaking, listening to, and presenting.

Unit 11 – Consonant Teams and Non-Fiction

This unit discusses discovering non-fiction, reading biographies, news articles, lists, and charts, sorting and spelling words with Sh, Ch, Wh, and Th, punctuating letters, and finding authors' intent.

Unit 12 – Long Vowels and Non-Fiction

This unit discusses book titles, spelling by adding E to the end, spelling words with long A and long I, and vocabulary words. Also covered are finding facts, telling the details, paragraphs, answering questions, and applying what we have learned about non-fiction.

Unit 13 – Long Vowels and Syllables

This unit discusses discovering and applying word endings, sorting and spelling words with long O, finding and spelling words with long E, vocabulary words, reading and spelling with syllable cards, and practice listening to and comprehending stories read aloud.



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Unit 14 – Long and Short Vowels and Adjectives

This unit discusses description including discovering description; adjectives; words that describe weather, color, feelings, and numbers; sorting and comparing adjectives; and applying what we have learned about description. Also included are vocabulary words and how to appreciate poetry.

Unit 15 – Comparing Adjectives and Long A Spelling

This unit discusses the "two vowels go walking" rule and spelling words with long A teams, as well as how to use a dictionary, synonyms, similar adjectives, using conjunctions, showing relationships with conjunctions, vocabulary words, reading in context with focus on paragraphs, and categorizing and classifying.

Unit 16 – Pronouns and Sentence Parts

This unit covers pronouns, including discovering pronouns, using he, she, it, they, I, me, we, and us, and applying what we have learned about pronouns. Also discussed are subjects, predicates, compound subjects and predicates, sorting and spelling words with long E teams, words that rhyme with the long I sound but are spelled with Y, how "long I spelled with Y" words are spelled, and vocabulary words.

Unit 17 – Research and Reporting

This unit discusses expository writing, including discovering expository writing, main and supporting ideas, research, organizing ideas, presentation skills, and making your presentation. Also covered are using commas, using text features, homonyms, vocabulary, time order words, and sorting and spelling words with long O sounds.



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Unit 18 – Word Parts and Verb Tenses

This unit covers finding root words, understanding prefixes and suffixes, making and spelling compound words, finding meaning with context clues, vocabulary words, using the right words, using prepositions, spelling words by adding ED and words with ING endings, and improving sentences.

Math

Unit 1 - Numbers to 20

In this unit students learn about equal groups and number words to 20. They also explore counting objects and ordinal numbers.

Unit 2 - Addition

In this unit students discuss addition stories, the equal sign, and addition sentences. They learn the order property for addition, how to use addition to make numbers, and how to count on. They use a number line to count on, learn about adding zero and about near doubles and doubles, and learn about vertical addition sentences. They learn about real-life uses for addition, and they are introduced to math tiles.

Unit 3 - Subtraction

In this unit students are introduced to subtraction. They learn subtraction stories, sums of 2, subtraction sentences, and sums of 3. They learn to use a number line to count back, practice sums of 3 and counting back, and learn a new math drill strategy. They further practice sums of 2 and learn about subtracting zero. They learn about sums of 4, subtracting all, ways to take apart numbers, and subtracting by making a ten. They practice sums of 2 and of 3, and learn about vertical subtraction sentences.



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Math

Unit 4 - Addition and Subtraction

In this unit, students learn how to think about addition in order to subtract. They learn how to know when to add or to subtract, and how addition and subtraction are related. They learn related addition facts and related subtraction facts, and they learn to write addition sentences and subtraction sentences. In addition, they practice sums of 3, 4, 5, and 6.

Unit 5 - Comparing

In this unit students investigate comparing. They learn to compare amounts, and learn about greater than and less than, including their symbols. They learn to compare numbers using symbols, and practice sums of 4, 5, 6, and 7.

Unit 6 - Sorting, Classifying, and Using Graphs

In this unit students learn about sorting and classifying. They learn to make graphs. They learn about picture graphs, tally graphs, and bar graphs, and experience a real-world example of using a graph. In addition, they practice sums of 6, 7, 8, and 9.

Unit 7 - Length and Capacity

In this unit students are introduced to length and learn to measure something in non-standard units. They learn what inches and centimeters are and what length is. Next they are introduced to estimation and learn to estimate capacity and length. They learn the advantages of estimation versus perfect measurement, and practice sums of 4, 8, 9, and 10.

Unit 8 - Geometry

In this unit, students are introduced to shapes. They learn to identify plane figures, they explore solid figures, they make new shapes, and they learn about equal and unequal parts. They learn about halves and fourths, and explore fractions. They practice sums of 5, 9, and 10.



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Unit 9 - Patterns and Time

In this unit, students learn to identify patterns, including pictorial patterns and number patterns. They also learn to extend and create patterns. Next, students learn about telling time. They learn what an analog clock is, and what a digital clock is. They study what a half hour is, and practice reading time. They also practice sums of 2, 3, 6, 7, 8, and 9.

Unit 10 - Spatial Sense and Maps

In this unit students are introduced to spatial sense. They learn position words, as well as how to follow directions on a map and how to find distance on a map.

Unit 11 - More Addition

In this unit students learn to add by making a ten. They review thinking about addition to subtract, and near doubles and doubles. They learn to add three numbers, they practice story problems, and they learn to count over 100. They also practice sums of 3, 4, 5, 6, 7, and 10.

Unit 12 - Place Value and Mental Math

In this unit students discuss place value in the numbers 10 through 20. They learn about groups of ten, and learn to skip count by tens. They learn about tens and ones in place value, and learn to add tens using mental math. They also learn about adding tens and ones, adding two-digit numbers, and subtracting tens with mental math. In addition, they practice sums of 4, 6, 7, 8, 9, and 10.



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Science

Unit 1 – Why Science is Important

This unit discusses skills needed for science, the concept of living and non-living things, and the needs of plants and animals.

Unit 2 – Habitats

This unit explores forests, wetlands, oceans, and deserts as habitats, and introduces how some plants need saltwater, how animals and plants – such as desert plants – have adapted to their habitat.

Unit 3 – Animal and Plant Science

This unit discusses concepts of life science, introducing life cycles and the parts, protection, and adaptation of plants and animals. It also covers the classification of animals.

Unit 4 – Life Cycles

This unit explores the life cycles of animals and plants, and how living things change as they grow. It discusses how both animals and plants have parents and the concept of offspring. It examines the food chain and its importance in sustaining life.

Unit 5 – Earth's Resources

This unit discusses different kinds of land and water, as well as soil, rock, and other resources. It also explores reducing, reusing, and recycling, and introduces fossils.



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Science

Unit 6 – Weather and Seasons

This unit discusses rain, snow, wind, and temperature, as well as the four seasons. It explores the water cycle and how clouds are formed.

Unit 7 – The Sky and Space

This unit covers the rotation of the earth, causing us to have daytime and nighttime, as well as what we see in the sky during night and day. Further discussion topics include the moon, our solar system, and space exploration.

Unit 8 – Matter

This unit discusses concepts of matter, including state, mass, height, weight, and how matter can change.

Unit 9 – Sounds and Movements

This unit discusses movement, magnetism, sound, and speed.

Unit 10 – Energy

This unit discusses energy, heat, fuel, electricity, batteries, light and shadow, and where energy comes from.

Unit 11 – Technology

This unit explores technology used for farms, construction, and communication, as well as simple machines, inventions, and tools for the home.



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COURSE LIST

Social Studies

Unit 1 – School

This unit discusses school, groups, families in the past, things we do at home and things we do at home, calendars, rules, and comparing things we use. Also included are biographies of Carl Stotz, Ruby Bridges Hall, and Mary McLeod Bethune.

Unit 2 – Communities

This unit discusses maps, directions, neighborhoods, communities, celebrations, community laws and leaders, and our world. Also included are biographies of Harriet Tubman, Jane Adams, and Henry Flagler.

Unit 3 – Work

This unit discusses work and jobs, using charts, needs and wants, saving and spending, workers and volunteers, interviews, routes, and moving from place to place. Also included are biographies of Clara Barton and George Washington Carver.

Unit 4 – Our Earth

This unit discusses weather, seasons, land and water, our resources, farming now and in the past, and endangered animals. Also included are biographies of Elvia Niebla and Sacagawea, and the legend of Johnny Appleseed.

Unit 5 – Our Country

This unit discusses Native Americans, early explorers, how the American Colonies became free, national symbols, holidays that celebrate our country, and how we choose our country's leaders. Also included are biographies of Benjamin Franklin, George Washington, Abraham Lincoln, and Eleanor Roosevelt.



GENESIS
VIRTUAL ACADEMY
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Social Studies

Unit 6 – Our Country, Our World

This unit covers what a market is, how things have changed over time, inventors and inventions, how travel has changed, and people and food around the world. Also included are biographies of Neil Armstrong and Laurence Yep, and the folktale, The Girl and the Milk Pail.