



KINDERGARTEN

COURSE LIST

Language Arts/Reading

Unit 1 – Language Prep

This unit covers an overview of the alphabet, capital versus lowercase letters, knowing left from right, the M sound and the short A sound, reading from left to right, and the sight words "we," "I," and "can." This unit introduces the career option of being a chef.

Unit 2 – Language Readiness

This unit discusses sorting objects, the phoneme blend M-Short A, the initial S and P sounds, and the sight words "are" and "for." This unit introduces the career option of being a scientist.

Unit 3 – Nouns

This unit discusses common nouns for people and animals, the five senses, the sight words "you," "and," "this," and "do," phoneme blending S and P sounds, the T sound, and a similar sound in a series of words. This unit introduces the career option of being a veterinarian.

Unit 4 – More Nouns

This unit covers common nouns for things and places, the short I sound, sorting short I sound pictures, phoneme blending of the short I and the T sound, rhyming words with the short A sound, plural nouns, and an introductory example of expository text. This lesson introduced the career option of being a pilot.

Unit 5 – Verbs

This unit discusses verbs, including what verbs are and past tense verbs, examples of verbs in writing, the N sound, phoneme blending with the N sound, picture sorting the middle sounds A or I, picture sorting the initial and final N sound, and more expository text. This unit introduces the career option of being a musician.



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Unit 6 – More Verbs

This unit discusses the initial C sound; phoneme blending of C, N, and Short I; phoneme blending of short A, C, and N; sight words "what," "little," "a," "like," and "the;" using verbs; is and was; are and were; and sorting initial C sound pictures. This unit introduces the career option of a firefighter.

Unit 7 – Sentences

This unit discusses the short O sound; the initial F sound; picture sorting the short O sound, the O, C, P, and M sounds, and the F, T, and P sounds; what makes a sentence, phoneme blending F with short A or I; sight words "look" and "has;" writing complete sentences; and making a telling sentence. This unit introduces the career option of being an author.

Unit 8 – More Sentences

This unit discusses the initial H, D, and R sounds, phoneme blending and picture sorting with D, H, and R sounds, writing and punctuating questions and exclamations, asking words, and the sight words "go" and "see." This unit introduces the career option of being an actor.

Unit 9 – Writing Prep

This unit discusses prepositions, homonyms, the pronouns "you" and "I," sight words "to" and "have," initial L, B, and E sounds, and picture sorting and phoneme blending with B and L. This unit also introduces the career option of Archeology.



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Language Arts/Reading

Unit 10 – Tools for Writing

This unit discusses prefixes, suffixes, antonyms, the initial K sound, the final K, CK sound, the short U sound, picture sort with the B sound, picture sort with B, L, or short E, phoneme blending and picture sort with K and CK sounds. This unit introduces the career option of being a police officer.

Unit 11 – Additional Writing Practice

This unit discusses the related words, phoneme blending and picture sorting with the short U sound, more examples of expository text, using color words to describe objects, sight words "is," "play," "with," and "my," the initial W sound, and picture sorting K, U, and B sounds. This unit introduces the career option of being an artist.

Unit 12 – Tools for Reading

This unit discusses identifying characters and plot, the final X sound, initial V sound, the G sound, sight words "me," "where," picture sorting the G sound, picture sorting and phoneme blending with W and V sounds, picture sorting the G sound, picture sorting the final G and X sounds, and another example of expository writing. This unit introduces the career option of being a detective.

Unit 13 – Storytelling Skills

This unit discusses identifying setting, retelling a story, using illustrations, the initial J, Y, Z, and QU sounds, picture sorting J and Y sounds and QU and Z sounds, and the sight words "she" and "he." This unit introduces the career option of being a farmer.



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COURSE LIST

Math

Unit 1 - Compare and Sort Objects

In this unit students learn about counting, alike and different, sorting, and sorting by one attribute. They also study numbers that are the same, more than, and less than.

Unit 2 - Use Numbers 0 to 5 - Part 1

In this unit students discover the numbers 0 through 5. They learn how they can use numbers every day.

Unit 3 - Use Numbers 0 to 5 - Part 2

In this unit students explore how to type the numbers 0 to 5. They practice counting and learn to compare numbers.

Unit 4 - Describe Position and Patterns

In this unit students learn to describe positions, including over, under, above and below. They learn to use position words, as well as top, middle, bottom, in front, and behind.

Unit 5 - Numbers 6 to 10

In this unit students practice counting, and discover the numbers 6 through 10. They discuss using these numbers.

Unit 6 - Use Numbers to 10

In this unit students learn to compare numbers to 10 and to count objects to 10. They also explore finding bigger and smaller numbers.

Unit 7 - Introduction to Numbers to 20

In this unit students are introduced to ten-frames. They count to 100 and learn the numbers 11 through 20.

Unit 8 - Use Numbers to 20

In this unit students practice counting from 10 to 20. They compare numbers to 20, counting on, finding missing numbers, and counting by tens.



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Math

Unit 9 - Comparing Measurements

In this unit students begin by describing objects. learning about color, longer than, and shorter than. They go on to compare weight, capacity, area, and objects. They also practice counting by tens and by hundreds.

Unit 10 - 2-Dimensional Figures

In this unit students are introduced to 2-dimensional shapes. They study rectangles, squares, circles, triangles, and hexagons.

Unit 11 - 3-Dimensional Figures

In this unit students are introduced to solid figures (3-dimensional shapes). They learn to recognize cubes, spheres, cones, and cylinders.

Unit 12 - Introduction to Addition

In this unit students are introduced to addition. They learn about addition stories, using objects to add, and the addition sign. Students begin to learn math facts.

Unit 13 - More Addition

They practice more addition and do memorization and math fact drills.

Unit 14 - Introduction to Subtraction

Students are introduced to subtraction. They explore subtraction stories, and learn to use objects to subtract.

Unit 15 - More Subtraction

Students practice subtraction.

Unit 16 - Addition and Subtraction

Students practice addition and subtraction, and learn about adding larger numbers.



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Science

Unit 1 – Plants

This unit discusses our five senses, then explores the different parts and needs of plants, as well as how they grow, their diversity, the plants that we eat, and which parts of those plants are edible.

Unit 2 – Animals

This unit covers the variety we see in the animal kingdom as well as animal behavior, life cycles, and needs. It discusses the responsibilities of pet owners and goes on to introduce insects, mammals, reptiles, and birds. Also covered are the mutually beneficial aspects of the relationships between plants and animals and between animals and humans.

Unit 3 – Our Planet's Resources

This unit describes the Planet Earth, including its soil, rock, and resources. It also introduces recycling and discusses water, where it comes from, and its impact on our world.

Unit 4 – The Sky is Always Changing

This unit covers weather and its impact on both our world and our behavior. It also introduces the four seasons, day and night, and shadows.

Unit 5 – Let's Learn about Matter

This unit discusses the properties of matter by investigating paper, cloth, metal, wood, clay, and water, their states, and what can be done with them.

Unit 6 – Movements

This unit introduces concepts of Physics, including things that slide and things that roll such as wheels and pulleys. It also introduces force, gravity, sound, and magnets.



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Social Studies

Unit 1 – Who We Are

This unit discusses the subject of social studies itself, and then covers families and how different and unique families can be. This is followed by a discussion of homes, and how a home in the country compares with a home in the city. Also covered are the concepts of getting along with others by being respectful, responsible, and caring, followed by the concepts of left, right, and different sizes. The unit continues with concepts of positioning, such as under, over, up, down, in and out, and concludes with rules at school such as listen, raise your hand, wait in line, and techniques for solving problems, such as sharing and taking turns.

Unit 2 – Communities

This unit explores what neighborhoods, communities, and towns are. It goes on to explain that maps represent places and where they are located and positioned, along with the concepts of near, far, above, and below. Next, the unit discusses signs, what they mean, and why they are important, and continues with rules and laws, why we make rules, and why we should abide by them. It goes on to discuss different kinds of communities and how proximity between communities changes based on whether they are rural or urban. Next is a look at various helpers in a community, and the concept of volunteering is explored. Community heroes are defined as people in our neighborhoods who help keep us healthy, happy, and safe. Examples of community heroes are given, such as police officers, firemen, doctors, teachers, librarians, farmers, paramedics and mail carriers. The unit concludes with a discussion of celebrations – what they are, how we celebrate, and why and what we celebrate.



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Social Studies

Unit 3 – Work

This unit discusses what work is, what jobs are, and how jobs have changed over time. It explores the concept of citizenship, and what it means to be a good citizen, through respect, manners, consideration, responsibility, loyalty, honesty, patriotism, courtesy, pride, and self-control. The unit goes on to explore money and how we earn it, as well as how some jobs impact other jobs. It further investigates why we need money and how we use it to purchase things we need or want, how different things cost different amounts, how a price tag indicates the cost of an item, and how different stores sell different items.

Unit 4 – Needs and Wants

This unit explores why people make choices, and what they make choices about, focusing on choices about spending money. It discusses the difference between needs and wants, and how buying something one needs is more important than buying something one wants. It investigates various things that people need to survive, including food, clothing, and shelter. The concept of recognizing the kind of impact one's actions have is presented, along with the idea of imagining what would happen if everyone did those things. The unit ends with how things are transported from the places where they are produced to the places where they are sold.



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Unit 5 – Our Earth

This unit discusses different kinds of weather, and the concept of severe weather versus mild weather. It continues with what makes the four seasons happen, and explores the components our world is made up of – land, water, and air – and which parts of our world contain each of these substances. It investigates how essential plants are and what we use them for; how important forests are and why; what mountains are, what animals live in mountains, and how we use the trees that grow there and the water that flows down from them. The unit concludes by discussing what oceans are, what animals live in them, and why they are important to us.

Unit 6 – Exploring the World

In this unit, how maps are used is presented, including how maps are smaller representations of real places, how a map key works, and how symbols are used to represent things on maps. A map of the United States is explored, as well as a U.S. dollar and the images and slogans that are on it. Next the unit investigates a map of the world, locating each of the continents; then a globe, comparing and contrasting the globe with a map and demonstrating through a small model what our world is like. Explorers are next brought up, with the story of Columbus' voyage to discover America, and the fact that Columbus was not actually the first explorer to find America. Countries around the world are discussed, compared, and contrasted. Finally, natural resources and resource conservation are investigated.



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Social Studies

Unit 7 – The United States of America

This unit discusses our country – the United States of America – and the concepts of freedom and trust in God on which it was founded by people who believed so fervently in these ideas that many of them gave their lives to make it so. The unit further discusses the flag of the United States and the symbolism of its markings. The unit explores our country's national symbols, including our flag, the Pledge of Allegiance, the Star Spangled Banner, the Bald Eagle, our capitol – Washington, D.C. – the White House, the Statue of Liberty, the Liberty Bell, the Washington Monument, and Mount Rushmore. The unit then looks at the original inhabitants of this country, whom we call Native Americans, their tribes, and how they lived, making their own tools and clothing, and how early Native Americans like Pocahontas helped early settlers from other lands. The unit concludes with a discussion of Thanksgiving, and how it has changed from the first Thanksgiving Feast.

Unit 8 – Technology

This unit explores technology, defining it and discussing how it has made our world different in good ways and bad ways. It looks at how technology has changed transportation, how it has changed our mail system, how scientists and inventors make new things or change old things to make them better. It discusses Thomas Edison, the Wright brothers, Elizabeth Blackwell, Henry Ford, Madame Curie, and George Washington Carver, and the inventions they created and advancements they made that have changed our world. In this context of how technology has changed things, the unit goes on to cover the Moon Missions, particularly the July 20, 1969 event when Neil Armstrong took man's first steps on the moon.



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Unit 8 – Technology - Continued

It further discusses robots, what they are, why they are important, how they can help us, and that they can only do what people program them to do. The concepts of then and now, past, present, and future complete the unit.

Unit 9 – My Home, My World

This unit discusses the words alike and different, and the skill of comparing things to find what is alike and what is different. Also covered are the concepts of days, weeks, months and years as units of time, and of things that we do daily, weekly, monthly, and yearly. The concept of routines is presented and examples are discussed. Family celebrations and traditions are discussed, and the idea that different people live in different kinds of homes is presented. Activities that families do together are brought up and the concept of working together being an enjoyable activity is considered, as well as the idea that when many people help, the work is easier for everyone. The unit concludes with a discussion of family travel.