

Developmental Kindergarten Curriculum Overview

Social Skills

- Exhibits self-control.
- Demonstrates simple manners and a caring attitude.
- Demonstrates cooperation and communication with others.
- Demonstrates care of personal belongings.
- Exhibits security and confidence in the classroom.

Physical Development

- Controls pencil/crayon.
- Draws recognizable picture.
- Controls scissors.
- Buttons and zips easily.
- Completes basic jigsaw puzzles.
- Dresses for outdoors with very little help.
- Demonstrates proficiency in running, skipping, hopping, jumping, balancing, throwing and catching.
- Demonstrates proficiency in fine motor and gross motor skills.
- Initiates self-care.

Language Arts

Reading

- Attaches meaning to print.
- Recognizes name.
- Chooses books.
- Enjoys listening to stories.
- Receives introduction to letter recognition and sound through the Zoo-phonics program (a-z).

Writing

- Prints first name.
- Adds print to drawings.
- Writes beginning sound of words.

Listening

- Follows familiar and extended directions.
- Recalls messages and stories heard.
- Demonstrates appropriate listening behavior.
- Listens attentively.
- Follows directions.
- Listens while others are speaking.

Speaking

- Expresses self in simple sentences.
- Speaks clearly.
- Takes part in class discussions.
- Participates in singing and rhyming activities.



Math

- Identifies numbers 0-10.
- Counts forward 0-30.
- Counts objects with one-to-one correspondence from 0-10.
- Uses terms larger, smaller, empty, full, more, less, same/equal, greater, and different.
- Identifies triangle, circle, square, and rectangle.
- Reads and constructs object and picture graphs.
- Continues simple patterns.
- Recognizes and names eight basic colors.
- Sorts objects according to one attribute.

Personal Safety

- Recites telephone number.
- Knows own first and last names.
- Knows parent(s) names.

Concepts are taught and practiced using a selection of the following themes.

- Apples
- Autumn/Harvest
- Bears
- Circus/Zoo Animals
- Community Workers
- Dinosaurs
- Medical/Dental Health
- Nursery Rhymes
- Seasons/Holidays
- Spring/Farm Animals
- Transportation
- Under the "Sea" (water)
- Valentine/Friendships



Kindergarten Curriculum Overview

Science

Senses

- Identification and the importance of the five physical senses; hearing, sight, smell, taste, and touch are the focus of this Unit/Kit.

Changes

- Students begin to recognize and identify the changes that occur around them. They explore changes in the air, temperature, and seasons.

My Earth

- An awareness of the atmosphere, water and other earth materials, and the identification of the Sun, Moon and Earth are the focuses of this Unit/Kit.

Alive

- Students investigate living things to find out how they are different from non-living things. Earthworms and seeds growing into plants are some of the organisms the students will compare.

Language Arts

- Use prior knowledge to comprehend and predict sequences of events.
- Recognize the difference between a letter and a word.
- Recognizes 23 Clay words.
- Be exposed to the concepts of print.
- Recognize and use capital letters A-Z and lowercase letters a-z.
- Produce sounds of letters of all consonants and short vowels.
- Write first name from memory, using correct upper and lowercase letters.
- Use invented spelling to write about an idea or an illustration.
- Develop an awareness of correct letter and number formation.
- Express ideas clearly.
- Beginning to associate letters to sounds.
- Develop and increase vocabulary.

- Follow sequence of three directions.
- Attend appropriately in group or individual setting.
- Recognize patterns for rhyme, repetition, and rhythm.
- Recognize simple story elements (character, setting, problem, resolution).
- Formulate questions and comments related to a topic.

Social Studies

- Gain an awareness of self, home, community, state and country.
- Gain an appreciation of our nation's heritage through songs, holidays, and current events, and symbols.
- Develop a positive self-image by working cooperatively with others in the classroom.
- Demonstrates an understanding of rules and consequences.



Math

- Read and write numbers 0-30.
- Count objects with one to one correspondence to 30.
- Count to 100 by the end of the year; count to 30 by 2's, 5's, and 10's.
- Record and draw simple addition and subtraction problems.
- Compare objects length, weight, and capacity.
- Identify triangle, circle, square, and rectangle.
- Relate 3-D objects to geometric shape names (sphere, cube, cylinder, cone, prism).
- Determine attributes of a set.
- Sort objects according to an attribute.
- Identify use of a calendar and clock.

- Recognize common time related words (today, yesterday, tomorrow, morning, afternoon, night).
- Identify daily landmark times to the nearest hour (e.g. lunch is at 12 o'clock noon).
- Know greater than, less, than, or equal to.

Health/Wellness

- Develop health practices as it relates to disease prevention and control.
- Develop an awareness of good eating habits as it relates to nutrition and physical performance.
- Demonstrate cooperation and communication with others.
- Develop an awareness of the five senses and how to protect them.
- Develop an awareness of the relationship between emotional and mental health.
- Develop an awareness of substance abuse and how to prevent it.
- Develop an awareness of basic safety and first aid techniques.

Personal Development

- Respects feelings and ideas of others.
- Shows courtesy and good manners.
- Displays feelings appropriately.
- Initiates self-dressing and personal hygiene.
- Makes a good transition from home to school.
- Listens to others with courtesy.
- Volunteers to participate in group discussions.
- Communicates experiences effectively.
- Demonstrates self-control.
- Exhibits a positive attitude.



1st Grade Curriculum Overview

Science

Water Works – This Unit/Kit explores characteristics of liquid mixtures, evaporation, sinking and floating are presented in a way that actively involves students.

Measuring and Sorting – Students are introduced to the need for standard units of measurement and the usefulness of sorting and classifying. The concepts of volume, area, mass, temperature, and time are presented through the use of a variety of measurement tools and investigation.

Water Planet – Water is studied as the students explore how water exists on Earth. Water sources, uses of water, and bodies of water such as rivers, lakes and oceans are introduced.

Organisms – Students set up fresh water and woodland ecosystems and compare and classify organisms that live there. Students learn about organisms' needs of life and observe how they cause changes in their environments.

Language Arts

- Develop comprehension through fluency.
- Use problem-solving strategies to read an appropriate text.
- Read the first hundred instant words.
- Read silently for 10 minutes.
- Recognize and apply sound/letter relationships (consonant, blends, digraphs, vowels, etc.).
- Use consonant and vowel sounds in spelling.
- Write last name from memory.
- Generate one/two sentences and edit for meaning.
- Use appropriate spelling and self-edit capitals, periods, and spacing.
- Share experiences in logical sequence by speaking in class in small groups.
- Share experiences in complete sentences.
- Use questioning appropriately.
- Know role of active listener.

- Follow multi-step directions.
- Distinguish fiction and nonfiction.
- Develop an appreciation for a variety of authors and illustrators.
- Recognize main ideas and supporting details.
- Make personal selections for pleasure and information.
- Briefly summarize information in own words.
- Generate questions to gain information.

Social Studies

- Develop a knowledge of time: past, present, and future.
- Develop an understanding that decisions have consequences.
- Demonstrate knowledge of environmental concerns.
- Demonstrate an understanding of community needs and the businesses that meet them.



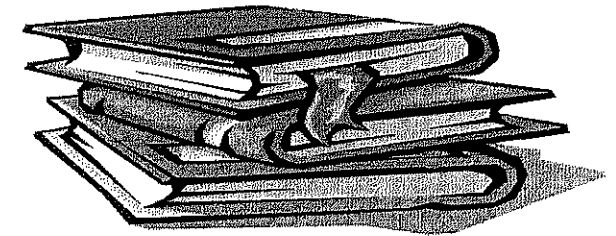
Math

- Count by ones to 100 in order.
- Count by fives to 100 in order.
- Count by tens to 100 in order.
- Read numerals to 100.
- Write numerals by ones to 100 in order.
- Write numerals by fives to 100 in order.
- Write numerals by tens to 100 in order.
- Read the numbers on the line and write the number that is one less and one more.
- Read the number in each box then write a number in the blank that is equal.
- Write an addition mathematical equation involving 2 addends to illustrate a specific story problem.
- Write a subtraction equation with the larger number 10 or less to illustrate a specific story problem.

- Find the sum of 2 numbers in an addition problem to the number 10.
- Find the differences of 2 numbers in a subtraction problem where the larger number is 10 or less.
- Verbally tell time to the hour on a digital and face clock.
- By using manipulatives or illustrations, create a new pattern using a choice of given elements or attributes.
- Interpret the information on a bar or picture graph to determine more, less or equal amounts.

Health/Wellness

- Develop personal health practices related to disease prevention.
- Demonstrate and maintain good health habits.
- Explain the importance of daily exercise and a healthy diet.
- Identify a variety of feelings and moods.
- Develop and demonstrate personal safety practices.
- Develop knowledge of alcohol and illicit drugs as being illegal and harmful.



2nd Grade Curriculum Overview

Science

Lights and Shadows – Beginning with an introduction to light, its properties and sources, students are involved in experiencing the concepts of color and the relationship between light and shadows.

How Things Move – Using their everyday experiences with movement and through a variety of activities, students discover the concepts of motion and forces. These concepts are reinforced through their application to simple machines and a number of common toys.

Changes Over Time – Students compare the sizes of the Sun, Moon, and Earth and their distances in relation to each other. Weather topics, including cloud cover, seasons, and severe weather are also emphasized.

Life Cycles – The life cycle of the monarch butterfly presents an opportunity for students to observe and investigate an organism's behavior, structures, and characteristics that help it to survive. Relationships between organisms are also emphasized.

Language Arts

- Build sight vocabulary - read second hundred instant words.
- Perform daily sustained silent reading for 10-15 minutes.
- Use standard spelling of first hundred instant words (including core words).
- Construct paragraphs/stories with beginning, middle, and end.
- Construct a topic sentence with one or two supporting details.
- Correctly use abbreviations, capital letters, and end punctuation.
- Use appropriate body language when addressing an audience.
- State ideas with clarity, focus and state in complete sentences.
- Listen attentively for a purpose and respond appropriately.
- Listen to and respect all speakers.
- Differentiate between fiction/nonfiction.

- Use appropriate resources (graphic aids, parts of book, dictionary, magazine, library, and technology) to gain information.
- Continue to sequence and restate information in own words.

Social Studies

- Discuss community helpers.
- Compare types of neighborhoods and communities.
- Be introduced to famous American leaders and inventors.
- Read about current events using Weekly Reader or Scholastic News.
- Use a map, map key, and compass rose.
- Learn about economics through community needs and wants.
- Discuss the characteristics of good citizenship.



Math

Numeration: Compare the place value of numbers to 1001, using manipulatives and illustrations; name or write the corresponding number.

Addition and Subtraction: Memorize basic addition and subtraction facts from 0-18; recall and solve problems with basic addition and subtraction using a calculator to check answers; solve and explain two-digit addition and subtraction problems with and without regrouping and renaming.

Fractions: Relate fractional symbols to a model and write fractional parts for halves, thirds, and fourths.

Time: Read, record, and relate time to real-life situations to the quarter hour using a digital and face clock.

Measurement: Identify ordinal numbers from first to tenth and solve real-life problems (days of the week and months of the year included); use various tools of measurement in both metric and standard measurements.

Money: Recognize and state the value of U.S. currency to \$5.00 and combine coins to equal \$1.00 in solving problems with money.

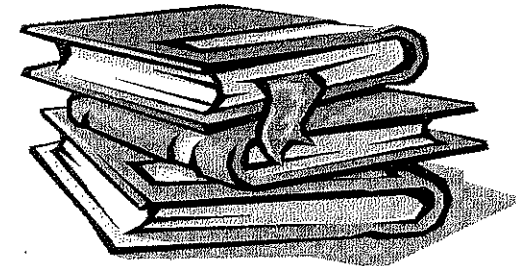
Geometry: Identify congruence, symmetry, and movement of shapes and estimate the number of figures needed to tile (fill) a given figure.

Data Analysis and Statistics: Interpret data given on a picture and bar graph in order to solve addition and subtraction word problems.

Patterns, Relationships, and Functions: Identify, reproduce, extend, and create number or other patterns.

Health/Wellness

- Discuss proper nutrition and physical exercise.
- Develop personal health habits to prevent diseases.
- Plan to enhance relationships between feelings, stress, thoughts and beliefs.
- Discuss the use of alcohol and illicit drugs as being illegal and harmful.
- Identify and be able to implement basic safety and first aid techniques for common emergency situations.



3rd Grade Curriculum Overview

Science

Sound – The properties of sound including pitch, vibration, sources of sound, speed of sound, and sound traveling through different media are presented.

Solids, Liquids and Gases – The physical properties of solids, liquids, and gases are emphasized. In this Unit/Kit experience the properties of these states of matter and apply them to everyday phenomenon.

Our Changing Earth – This Unit/Kit extends the ideas presented in the first grade Unit/Kit 'Water Works' as it explores the path rainwater takes as it moves through the hydrosphere, major features of Earth's surface, and natural changes that occur over time.

Flowering Plants – Students explore the parts of a plant, what they do, and how they contribute to its survival. Through planting seeds and observing their growth, they examine the life cycles of plants and consider their importance to the survival of all living things.

Language Arts

- Experience genres and text surfaces – predict, identify literary forms, and identify story elements.
- Write for a variety of purposes and audiences – journals, poems, friendly letters, stories, reports, and summaries.
- Write complete sentences, form manuscript and cursive letters.
- Read with fluency and expression, retell a story, and orally respond to literature.
- Listen attentively for a purpose, listen to oral reading, and follow oral directions.
- All students will read and analyze literature to seek information, ideas and enjoyment by, exploring the characteristics of different types of texts, understanding themes, issues, and problems within and across texts, and applying new learning from texts to their lives.
- Read different genres: folk tales, fantasy, realistic fiction, historical fiction, nonfiction, poetry; identify elements of narrative and expository text.

- Respond to literature critically and aesthetically, appreciate universality of literary themes, recognize and appreciate cultural traditions in literature.
- Make connections to science, social studies, music, math and art through themes in literature.
- Relate insights from literature to life experiences, read for pleasure and information, use literature as a model for writing.



Math

Number-Sense: Read, write, compare, order, and round numbers to the thousandths.

Addition-Subtraction: Calculate, estimate, and solve addition and subtraction word problems to thousandths (4-digit numbers).

Multiplication-Division: Recall from memory and solves word problems with facts 0-5.

Fractions: Explain and compare unit fractions to tenths and show equivalent fractions.

Time: Read and write time to within one minute on both digital and face clocks.

Money: write and count U.S. currency up to \$5.00 to solve real-life situations.

Length and Weight: Estimate, measure, and compare length, mass, and capacity using standard and metric units.

Temperature: Read and use the concept of temperature to solve real-life problems using standard and metric scales.

Geometry: Compare and contrast triangles, squares, rhombuses, cylinders, cones, and spheres.

Statistics and Probability: Read and construct tables, bar and picture graphs; make predictions based on information and probabilities.

Patterns, Relationships, and Functions: Recognize, describe, record and create patterns in problem-solving using number lines, fact families, hundreds chart and calculators.

Social Studies

- Develop an understanding of physical regions in the United States and recognize similarities/differences.
- Learn importance of natural resources and their preservation.
- Identify and locate the seven continents and four oceans on a globe and world map.
- Compare and contrast maps and the globe using ordinal directions and coordinates.
- Compare and contrast how the various regions affected the basic needs of our First Americans.

Health/Wellness

- Develop personal health care habits, including good nutrition, disease prevention, drug awareness and prevention, and physical performance (exercise, or activities).
- Learn about six body systems and how all the organs work together as we set our personal health goals.

