

# K kindergarten

## READING/ LANGUAGE ARTS

### Prerequisites

Before entering kindergarten, students should be able to:



- Speak and share ideas in complete sentences.
- Listen to and talk about stories that were read to them.
- Play with rhyme, rhythm, and repetition in poems, songs, and stories (examples: Dr. Seuss books, Mother Goose rhymes, etc.).
- Use materials, tools, and toys to develop muscles in fingers and hands (examples: Legos, Play-Doh, scissors, crayons, etc.).
- Think about their experiences with letters and recognize some letters of the alphabet (examples: letters in names, street signs, store names, singing the alphabet, etc.).
- Recognize their first names in print.
- Make marks and pictures that look like writing.

### Expectations

During kindergarten, students will do the following:



- Listen and respond to stories, rhymes, conversations, discussions, and one and two-step instructions.
- Recognize that letters stand for speech sounds and convey meaning (example: students' own names).
- Use knowledge of letter sound relationships to decode and spell words.
- Know that print is read and written left to right and top to bottom.
- Understand that written words are a sequence of letters separated by spaces.
- Know the difference between capital and lowercase letters.
- Recognize that different parts of a

- Make rhyming words and tell rhyming words from non-rhyming words.
- Break down one-syllable words into separate sounds, clearly saying beginning, middle, and final sounds.
- Talk about the meanings of words, and learn new words that name actions, directions, positions, sequences and locations.
- Show their understanding of a story and/or nonfiction text by making predictions, making connections, retelling the order of important events in the story or by acting out the story and discussing the big idea.
- Read basic high-frequency words and read aloud from familiar, predictable texts.
- Identify the setting, character, and key events in a story
- Identify the topic and details in nonfiction
- Use correct pencil grip, paper position, and beginning stroke to develop printing skills.
- Express their ideas in writing by dictating or writing themselves.
- Think of ideas before writing, develop a draft, revise by adding details, and edit spacing between words with adult assistance.
- Identify different forms of media and techniques used in media.
- Discuss the purposes for reading and listening for a variety of texts.
- Use complete sentences with capitalization of first word and end punctuation.

### Support at Home

As parents, provide opportunities for your kindergartner to:



- Listen to you read daily and retell important events.
- Answer questions you ask.
- Sing songs and recite rhymes.
- Talk with you about letters and words around them (examples: menu at McDonald's, food packaging at Kroger, displays at WalMart, etc.).
- Draw and create with pencils

## MATHEMATICS

### Prerequisites

Before entering kindergarten, students should be able to:



- Identify these colors: red, yellow, blue, orange, green, purple, black, and brown.
- Follow simple directions.
- Use numbers that have personal meaning to them such as birthday and age.
- Rote count from 1 to 10.

### Expectations

During kindergarten, students will do the following:



- Count forward and backward to at least 20 with and without objects
- Count up to at least 100 by ones and tens, beginning with any number.
- Recognize instantly the quantity of a small group of objects
- Create a set using objects or pictures that represent a number that is more than, less than and equal to a given number
- Compare sets of objects to at least 20
- Compose (create) and decompose (break apart) numbers up to 10 using objects and pictures
- Model joining and separating to represent addition and subtraction
- Solve word problems using objects and pictures for sums and differences up to 10
- Explain strategies using to solve addition and subtraction problems
- Identify U.S. coins by name (penny, nickel, dime, quarter)
- Create, identify and compare circles, triangles, rectangles, and squares.
- Identify and compare cylinders, cones, spheres, and cubes
- Recognize geometric shapes in real-life objects.
- Compare two objects according to length, capacity or weight.

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## Expectations

During kindergarten, students will do the following:

- Know and practice simple basic safety and health rules during science classroom and outdoor investigations.
- Plan and conduct simple descriptive investigations.
- Identify the five senses, and use them to make observations and discoveries.
- Gather information using simple equipment such as hand lenses, primary balances, and non-standard measurement tools.
- Observe, identify, and communicate observations.
- Learn about weather changes from day to day and over seasons.
- Differentiate between living and nonliving objects in the environment.
- Learn about the simple life cycle of a plant.
- Explain basic needs of plants and animals.
- Give examples of ways that rocks, soil, and water are useful.
- Observe and describe the location and motion of objects.

## Support at Home

As parents, provide opportunities for your kindergartner to:

- Make observations and discuss issues concerning the environment.
- Practice good health habits.
- Watch and discuss science-oriented programs on television such as the Discovery Channel.
- Read nonfiction books and magazines on science topics.
- Visit museums, zoos, parks, libraries, etc.
- Observe weather patterns and changes such as clouds, storms, and



## SOCIAL STUDIES

### Prerequisites

Before entering kindergarten, students should be able to:

- Obtain information through listening, speaking, and observing.
- Use both words and pictures to express ideas.
- Identify the United States flag.
- Know that food, clothing, and shelter are basic human needs.
- Identify jobs in the home, school, and community.
- Name self and identify family members.
- Identify rules and purposes for having rules.
- Practice basic school social skills such as respecting property, materials, and other people.



### Expectations

During kindergarten, students will do the following:

- Identify contributions of historical figures.
- Use vocabulary related to time and chronology (before, after, next, first, last, yesterday, today, and tomorrow).
- Use terms, including over, under, near, far, left, and right, to describe relative location.
- Identify tools that aid in determining location, including maps and globes.
- Explain the difference between needs and wants
- Explain why people have jobs.
- Identify rules that provide order, security, and safety in the home and school.
- Explain how authority figures make and enforce rules.
- Describe and explain the importance of family customs and traditions.
- Describe how technology helps accomplish specific tasks and meet people's needs.
- Create and interpret visuals,



- Look at and discuss simple maps.
- Distinguish between needs and wants.
- Visit museums, farms and parks.
- Discuss family traditions and celebrations.
- Discuss the importance of rules in the home and neighborhood.

# Grade first grade

## READING/ LANGUAGE ARTS

### Prerequisites

Before entering 1st grade, students should be able to:

- Listen carefully and follow one-or two-step instructions.
- Write their first and last name using upper and lower case form.
- Recognize all the letters in the alphabet, both capital and lowercase form.

- Begin to read and write by learning to match letters with their sounds.
- Separate one-syllable words into beginning, middle, and ending sounds.
- Name and make rhyming words.
- Read kindergarten high frequency words alone.
- Retell a story or act out a story.

### Expectations

During 1st grade, students will do the following:

- Listen to gather information, solve problems, ask questions, restate, and to enjoy a variety of text.
- Speak with a purpose, using a variety of vocabulary words to tell about ideas, feelings, and experiences.
- Talk about meanings of words, and learn new words through experiences and listening to literature

