

**School Board of Sarasota County, Florida**

**GRADE K**

**CURRICULUM**

**Revised July 1999**

## LANGUAGE ARTS Grade K

### STANDARD 1: Listening, Viewing And Speaking Skills

The student will demonstrate effective listening, viewing and speaking skills.

<p>1.1 Demonstrate effective listening behavior</p>	<p>1.1.1 follow two-step oral directions in sequence            1.1.2 answer questions about a story read aloud (e.g., sequence, details, main idea).            1.1.3 listen attentively to oral language in different forms (e.g., stories, audio tapes, nursery rhymes, songs)            1.1.4 recognize personal preferences for listening to literature and other material (e.g., nursery rhymes, songs, stories)</p>
<p>1.2 Demonstrates effective speaking skills</p>	<p>1.2.1 speak clearly and use appropriate volume in a variety of settings (e.g., choral speaking, informal conversations, shared readings)            1.2.2 use eye contact and appropriate gestures to enhance speaking            1.2.3 use appropriate language to ask questions, answer questions and convey a message            1.2.4 use basic conversation skills (e.g., taking turns speaking and listening)</p>
<p>1.3 Demonstrate effective viewing strategies</p>	<p>1.3.1 state the main idea after viewing nonprint media (e.g., pictures, video, dramatic presentation)            1.3.2 place pictures in a logical sequence            1.3.3 interpret simple nonverbal cues (e.g., smiling, facial expressions, gesturing)            1.3.4 recognize how multimedia affects thoughts and feelings (e.g., music, illustrations, video)            1.3.5 identify types of mass media (e.g., film, video, television)</p>

\*Not correlated to State Grade Level Expectations

## LANGUAGE ARTS Grade K

### STANDARD 2: Phonological Awareness/Decoding/Vocabulary

The student will demonstrate phonological awareness, decoding and vocabulary skills.

<p>2.1 Use basic phonological principles to manipulate sounds</p>	<p>2.1.1 recognize patterns of sounds (repetition, rhyme, rhythm, alliteration) in oral language (e.g., recites poems, chants, nursery rhymes; substitutes words in rhyming pattern)</p> <p>2.1.2 identify rhyming words using pictures or orally-presented words</p> <p>2.1.3 produce the sounds in the beginning, middle and end of an orally-presented word</p> <p>2.1.4 identify pictures of objects or orally-produced words that begin with the same sound</p> <p>2.1.5 identify pictures of objects or orally-produced words that end with the same sound</p> <p>2.1.6 blend individual sounds into words</p>
<p>2.2 Use phonetic strategies to read print</p>	<p>2.2.1 name lower-case letters</p> <p>2.2.2 name upper-case letters</p> <p>2.2.3 produce the sound for a given letter</p> <p>2.2.4 produce the initial consonant sound for a written word</p>
<p>2.3 Develop vocabulary skills to support reading</p>	<p>2.3.1 identify words that name persons, places and things</p> <p>2.3.2 identify words that name actions</p> <p>2.3.3 identify descriptive words</p> <p>2.3.4* identify opposites</p> <p>2.3.5 classify words using basic categories (e.g., colors, shapes, foods, animals)</p>

\*Not correlated to State Grade Level Expectations

**LANGUAGE ARTS**  
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**STANDARD 3: Reading**

The student will demonstrate reading skills.

3.1 Use concepts of print to support reading	3.1.1 identify parts of a book (e.g., cover, title, first page, last page, author, illustrator) 3.1.2 make predictions about a selection using titles and illustrations 3.1.3 frame or match words in print 3.1.4 match print to speech using top-to-bottom and left-to-right progression (with return sweep)
3.2 Apply reading skills to construct meaning	3.2.1 read frequently used words 3.2.2 read text with predictable structures (e.g., rhyme, rhythm, repetitious text pattern) 3.2.3 demonstrate comprehension of text (e.g., answer and ask questions, retell the story, draw a picture about the story)
3.3 Recognize elements of a story	3.3.1 recognize a variety of familiar literary genres (e.g., fiction, nonfiction, picture books, fairy tales, legends) 3.3.2 identify the sequence of events, characters and setting of stories
3.4 Responds to literature in a variety of ways	3.4.1 respond to stories and poems in a variety of ways (e.g., discussion, art, drama, writing) 3.4.2 select materials to read for pleasure

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**LANGUAGE ARTS**  
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**STANDARD 4: Reference Skills**

The student will demonstrate beginning reference skills.

4.1 Locate and use a variety of informational resources for different purposes	4.1.1 identify the alphabetical order of letters 4.1.2 ask “how” and “why” questions about a topic 4.1.3 use a variety of resources to obtain information (e.g., illustrations, environmental print, people) 4.1.4 use details from informational text (e.g., discussion, art, writing)
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**LANGUAGE ARTS**  
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**STANDARD 5: Writing Skills**

The student will demonstrate writing skills.

5.1 Use a variety of strategies to prepare for writing	5.1.1 brainstorm ideas for writing 5.1.2 use prewriting strategies (e.g., drawing pictures, recording or dictating questions for investigation)
5.2 Generate writing	5.2.1 use concepts of print in writing (e.g., left to right, top to bottom, spacing between words) 5.2.2 use basic writing formats (e.g., labels, lists, messages, stories) 5.2.3 dictate a message 5.2.4 sequence events during shared writing 5.2.5 contribute ideas during a shared writing activity 5.2.6* write first name
5.3 Revise writing	5.3.1 revise writing by adding details to pictures, dictation or story
5.4 Write for a variety of purposes	5.4.1 dictate or write with pictures or words to record ideas and reflections 5.4.2 dictate or write with pictures or words a narrative about a familiar experience 5.4.3 dictate or write simple informational texts (e.g., descriptions, labels, lists)

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**LANGUAGE ARTS**  
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**STANDARD 6: Mechanics/Spelling/Handwriting**

The student will demonstrate skills in mechanics, spelling and handwriting.

6.1 Identify end punctuation	6.1.1 identify end punctuation in written text
6.2 Uses spelling approximations	6.2.1 use spelling approximation in written work
6.3 Demonstrate skills in handwriting	6.3.1* reproduce upper-case and lower-case letters

\*Not correlated to State Grade Level Expectations

# MATHEMATICS

## Grade K

### STANDARD 1: Number Sense

The student will demonstrate an understanding of number concepts.

<p>1.1 Count (to 100) and read and write numbers (to 20)</p>	<p>1.1.1 count the number of objects in a set up to 20 objects using one-to-one correspondence</p> <p>1.1.2 count orally to 100</p> <p>1.1.3 count orally to 100 by 2s, 5s and 10s using a hundred chart or concrete materials</p> <p>1.1.4 count backward from 10 to 1</p> <p>1.1.5 say the number when shown the written symbol from 0 to 20</p> <p>1.1.6 write dictated numbers 0 to 20</p> <p>1.1.7 match a numeral to a corresponding set of objects to 20</p> <p>1.1.8 write the numeral given sets of objects to 20</p> <p>1.1.9 create a set of objects to represent numbers to 20 given orally</p> <p>1.1.10 use one-to-one matching to determine if two sets are equal</p> <p>1.1.11 use concrete materials to show that numbers are odd or even to 20</p>
<p>1.2 Compare and order numbers to 20</p>	<p>1.2.1 compare numbers to 20 using concrete materials, drawings, number lines or vocabulary (e.g., more than, less than or equal to)</p> <p>1.2.2 order numbers to 20 using concrete materials, number lines, drawings or numerals</p> <p>1.2.3 identify the number that comes before, after or between numbers to 20</p> <p>1.2.4 use ordinal numbers 1<sup>st</sup> through 10<sup>th</sup></p>
<p>1.3 Join and separate sets of objects to 20</p>	<p>1.3.1 determine the total number of objects to 20 when joining two sets</p> <p>1.3.2 represent equivalent forms of the same number up to 10 using concrete materials (e.g., 5 can be represented as 1+4, 2+3, 0+5)</p> <p>1.3.3 separate an indicated number of objects from a set and determine how many are left</p> <p>1.3.4 use a number line to count up and count back from a given number</p> <p>1.3.5 estimate the number of objects in a set when joining, separating and comparing sets and justify the estimation</p>
<p>1.4 Create and solve addition and subtraction story problems for real-world situations</p>	<p>1.4.1 solve addition and subtraction story problems using concrete materials, drawings or pictures</p> <p>1.4.2 create an addition or subtraction number story for a real-world problem</p>
<p>1.5 Represent fractional parts of a whole (1/2, 1/4) using concrete materials and pictures</p>	<p>1.5.1 represent fractional parts of a whole (1/2, 1/4) using concrete materials and pictures</p>

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## MATHEMATICS

### Grade K

#### STANDARD 2: Measurement

The student will demonstrate an understanding of measurement.

<p>2.1 Compare measurable characteristics of objects using appropriate vocabulary and nonstandard/standard tools</p>	<p>2.1.1 use appropriate vocabulary to compare the measurable characteristics of objects including heavier-lighter, longer-shorter, more-less, bigger-smaller, full-empty</p> <p>2.1.2 use appropriate vocabulary to describe concepts of temperature (e.g., hot, warm, cold)</p> <p>2.1.3 identify appropriate tools (standard/nonstandard) for measuring length, weight and capacity.</p>
<p>2.2 Estimate and measure time using appropriate vocabulary (e.g., yesterday, today, tomorrow, day, night)</p>	<p>2.2.1 recognize the calendar as a tool to measure the passage of time including days, weeks and months</p> <p>2.2.2 estimate and measure the time as day or night; morning, afternoon or evening; and yesterday, today or tomorrow</p> <p>2.2.3 compare two daily activities to determine which takes more/less time</p> <p>2.2.4* identify the time shown on an analog and digital clock to the hour</p>
<p>2.3 Determine values of money</p>	<p>2.3.1 identify and determine the value of a penny, nickel and dime</p> <p>2.3.2 determine the value of a set of coins up to twenty cents</p> <p>2.3.3 identify equivalent values of coins (e.g., five pennies equal one nickel, ten pennies equal one dime)</p>
<p>2.4 Use nonstandard units to measure length and weight</p>	<p>2.4.1 estimate the length and width of an object using nonstandard units</p> <p>2.4.2 use nonstandard units to measure length (e.g., cubes pencils)</p> <p>2.4.3 compare the length of objects through side-by-side comparisons</p> <p>2.4.4 use a nonstandard indirect way to compare lengths of objects that cannot be physically compared side-by-side (e.g., using string to compare the lengths of crooked paths)</p> <p>2.4.5 compare objects by weight to determine which objects weigh more, weigh less or about the same</p>

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## MATHEMATICS

### Grade K

#### STANDARD 3: Geometry

The student will demonstrate an understanding of geometric concepts.

3.1 Use spatial and geometric vocabulary to describe shapes and objects	3.1.1 recognize and use geometric vocabulary to describe geometric shapes (e.g., edges, corners, curves) 3.1.2 recognize and use language that describes spatial relationships (e.g., in-out, above-below, over-under, top-middle-bottom) 3.1.3 identify objects in the left and right position including left and right hand
3.2 Classify and compare two-dimensional geometric shapes and objects	3.2.1 match an object to the outline of the shape of the object 3.2.2 identify two-dimensional geometric shapes (e.g., circle, square, rectangle, triangle) 3.2.3 identify similarities and differences with geometric shapes
3.3 Recognize geometric relationships	3.3.1 recognize symmetry in the environment 3.3.2 construct symmetrical figures using concrete materials 3.3.3 demonstrate slides and turns using concrete materials

\*Not correlated to State Grade Level Expectations

**MATHEMATICS**  
**Grade K**

**STANDARD 4: Algebraic Thinking**

The student will describe, analyze and generalize patterns and mathematical relationships.

4.1 Identify, extend and create simple patterns	4.1.1 sort and classify objects by color, shape, size, kind, geometric shape or other attributes (e.g., objects that roll, stack, slide) 4.1.2 recognize simple patterns of sound, physical movement, concrete objects and pictures 4.1.3 extend a simple pattern of sound, physical movement, concrete objects and pictures 4.1.4 create a simple pattern using concrete objects or pictures 4.1.5 transfer a simple pattern from one medium to another (e.g., rhythmic pattern to concrete objects)
4.2 Recognize that symbols can be used to represent missing or unknown quantities	4.2.1 recognize that symbols can be used to represent missing or unknown quantities

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**MATHEMATICS**  
**Grade K**

**STANDARD 5: Data Analysis And Probability**

The student will demonstrate an understanding of data analysis and probability.

5.1 Collect, display and interpret data	5.1.1 determine questions for a two-choice survey through participation in class discussions 5.1.2 collect data using a survey 5.1.3 organize and display data into a graph (e.g., concrete graph, pictograph) or chart 5.1.4 interpret information presented on a concrete graph, pictograph or chart by answering related questions 5.1.5 identify the range and mode for a display of data on a concrete graph or pictograph
5.2 Predict outcomes using data	5.2.1 make a generalization for a larger group using data from a small group 5.2.2 predict the likelihood of given events (very likely, more likely, equally likely, less likely, certain, impossible)

\*Not correlated to State Grade Level Expectations

**MATHEMATICS**  
**Grade K**

**STANDARD 6: Problem Solving**

The student will use mathematical knowledge and experience in problem-solving situations.

6.1 Apply a variety of strategies and methods to solve real-world problems	6.1.1 apply an informal method to solve a real-world problem (e.g., uses concrete materials, pictures, role play)
6.2 Use logic to solve problems	6.2.1* make a reasonable or logical conclusion about a given situation

\*Not correlated to State Grade Level Expectations

## SCIENCE Grade K

### STANDARD 1: The Nature Of Matter - Chemistry

The student will demonstrate the skills and knowledge necessary for the study of chemistry.

1.1 Identify and compare properties of matter including shape, color, size and texture.	1.1.1 identify a specified shape (e.g., circle, triangle, square, rectangle) 1.1.2 identify a specified color 1.1.3 identify objects having specified textures (e.g., rough, smooth, hard, soft) 1.1.4 identify a sequence relating to properties of size and weight (e.g., big, little, large, small, heavy, light, wide, thin, long, short) 1.1.5 identify physical properties 1.1.6 identify relational positions (e.g., over, under, in, out, left, right) 1.1.7 recognize the states of matter (e.g., solid, liquid, gas) 1.1.8 explain that materials can be changed (e.g., cutting, folding, bending, mixing) 1.1.9 describe different materials that make up a larger item (e.g., bike includes plastic, metal, rubber)
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\*Not correlated to State Grade Level Expectations

**SCIENCE**  
**Grade K**

**STANDARD 2: Energy**

The student will demonstrate the skills and knowledge necessary for the study of energy.

2.1 Recognize the effects of energy on everyday activities	2.1.1 recognize the effects of sun and shade on the same objects (e.g., crayons, ice, chocolate) 2.1.2 recognize that light can pass through some objects, but cannot pass through other objects (e.g., glass, wood) 2.1.3 recognize some processes where heat can be released (e.g., playing a radio, burning a candle, running) 2.1.4 recognize that food provides energy for people to grow, change and survive
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\*Not correlated to State Grade Level Expectations

**SCIENCE**  
**Grade K**

**STANDARD 3: Force And Motion – Physics**

The student will demonstrate the skills and knowledge necessary for the study of physics.

3.1 Recognize motion of different objects	3.1.1 demonstrate that different objects move at different speeds (e.g., bike, motorcycle, plane, car, tortoise, hare) 3.1.2 identify objects that roll, slide or fly 3.1.3 demonstrate how a push or pull will change the motion of an object
3.2 Understand the relationship between sound and vibration	3.2.1 demonstrate that vibrations caused by sound can be felt (e.g., hitting a drum or tuning fork; vibrations on a speaker when music is played)

\*Not correlated to State Grade Level Expectations

**SCIENCE**  
**Grade K**

**STANDARD 4: Processes That Shape The Earth – Earth Science**

The student will demonstrate the skills and knowledge necessary for the study of earth science.

4.1 Identify various solid materials making up the earth	4.1.1 identify various solid materials that make up earth's surface (e.g., sand, pebbles, rocks, clumps of dirt) 4.1.2* identify properties by which rocks, shells and or soils can be described (e.g., color, text, size, weight)
4.2 Identify changes in weather and seasons	4.2.1* identify a picture of a specific season 4.2.2* identify a specified weather condition 4.2.3 display daily weather changes using a chart

\*Not correlated to State Grade Level Expectations

**SCIENCE**  
**Grade K**

**STANDARD 5: Earth and Space – Astronomy**

The student will demonstrate the skills and knowledge for the study of astronomy.

5.1 Recognize elements of the day and night sky	5.1.1 identify elements of a daytime and nighttime sky; including sun, moon, stars and planets 5.1.2 recognize that the position of the sun in the sky appears to change during the day
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\*Not correlated to State Grade Level Expectations

**SCIENCE**  
**Grade K**

**STANDARD 6: Processes Of Life – Biology**

The student will demonstrate the skills and knowledge necessary for the study of biology.

6.1 Demonstrate an understanding of living things, their characteristics and needs	6.1.1* identify living and nonliving things 6.1.2 identify characteristics of living things 6.1.3 identify some of the basic needs of living things (e.g., food, water, space) 6.1.4 recognize ways animals obtain food from plants and other animals
6.2 Understand stages of growth and change in living things	6.2.1 observe and record changes in living things (e.g., seed development, plant growth) 6.2.2 experiment and discover growth patterns in plants using measurement tools 6.2.3 identify ways living things change and grow over time (e.g., seed to flowering plant, tadpole to frog) 6.2.4 recognize resembling and nonresembling offspring of adult animals 6.2.5 identify animals and their offspring including puppies, kittens, cubs, calves, chicks and children
6.3 Identify basic parts of the human body	6.3.1* identify a specified body part (e.g., legs, arms, eyes, chin)
6.4 Identify the five senses and how they are used to learn about our surroundings	6.4.1 identify the five senses (sight, hearing, smelling, tasting and touching) 6.4.2 use his/her senses to describe objects (e.g., tasting foods, smelling vinegar, hearing bells, touching velvet)

\*Not correlated to State Grade Level Expectations

**SCIENCE**  
**Grade K**

**STANDARD 7: Ecology**

The student will demonstrate the skills and knowledge necessary for the study of ecology.

7.1 Recognize how living things interact with each other and their environment	7.1.1 identify the habitat for a given plant or animal 7.1.2 recognize ways animals are adapted for survival in different environments (e.g., camouflage, fins, spines) 7.1.3 observe living things in an aquarium and/or terrarium
7.2 Recognize how human beings impact the environment	7.2.1* treat living things with respect and responsibility 7.2.2 identify ways to care for the earth at home and in school

\*Not correlated to State Grade Level Expectations

**SCIENCE**  
**Grade K**

**STANDARD 8: The Nature Of Science**

The student will demonstrate the skills and knowledge necessary for the study of the nature of science.

8.1 Develop skills necessary to work cooperatively with other students during science investigations	8.1.1 work in a variety of cooperative science activities 8.1.2* follow directions during science investigations
8.2 Utilize the scientific method to complete tasks related to the study of science	8.2.1* interpret the meanings of common signs and symbols (e.g., poison, hazard, caution, safe place, danger) 8.2.2 pose questions about the world and seek answers through observation and experimentation. 8.2.3 use appropriate tools for collecting information (e.g., magnifying lens, aquarium/insect nets, plastic containers) 8.2.4 record observations of scientific investigations using drawings, charts, graphs, and/or class record or journal 8.2.5 repeat events in an investigation and compare and share results 8.2.6 recognize that continuous patterns occur in nature (e.g., seasons, blooming flowers, phases of the moon)

\*Not correlated to State Grade Level Expectations

## SOCIAL STUDIES

### Grade K

#### **STANDARD 1: Focusing Skills And Knowledge**

The student will demonstrate the skills and knowledge necessary for the study of the world.

1.1 Describe various locations in their school using appropriate language	1.1.1 recognize and use words that describe relative location (e.g., near, far, up, down, right, left, behind, in front) 1.1.2 describe locations in school (e.g., office , library, playground, cafeteria, bathroom)
1.2 Recognize areas on a globe and map	1.2.1 identify a globe as a model of the earth 1.2.2 locate areas of water and land on a globe and map
1.3 Recognize features of the environment	1.3.1 identify physical and human features of familiar places
1.4 Develop communication and cooperation skills for learning and working productively with others	1.4.1 identify basic means of communication (e.g., gestures, oral, written, symbols) 1.4.2 demonstrate the ability to cooperate in a group activity

\*Not correlated to State Grade Level Expectations

## SOCIAL STUDIES

### Grade K

**STANDARD 2: United States Heritage**

The student will demonstrate the skills and knowledge necessary for the study of our life and heritage in the United States.

<p>2.1 Describe basic facts and traditions about holidays</p>	<p>2.1.1 listen to, view and discuss stories, poems and other media about people and events honored in commemorative holidays (e.g., Columbus Day, Thanksgiving Day, Flag Day, Independence Day)</p> <p>2.1.2 listen to, view and discuss stories and other media about selected men and women from United States history</p> <p>2.1.3 listen to, view and discuss stories, poems and other media about selected American symbols that emerged from past events, legends and historical accounts (e.g., the eagle, the Liberty Bell, George Washington as the "father of our country," the American flag)</p> <p>2.1.4 listen to, view and discuss stories, poems and other media about selected important buildings, statues (e.g., Statue of Liberty) and monuments associated with state and national history</p> <p>2.1.5 listen to, view and discuss patriotic songs associated with the United States</p>
<p>2.2 Examine changes in our community and country</p>	<p>2.2.1 listen to, view and discuss stories, poems and other media about changes that occurred in people's lives when they moved from faraway places to the United States</p> <p>2.2.2 listen to, view and discuss stories, poems and other media about changes in community life over time</p> <p>2.2.3 recognize art forms from various cultures (e.g., dances, musical styles)</p>

\*Not correlated to State Grade Level Expectations

**SOCIAL STUDIES**  
**Grade K**

**STANDARD 3: History**

The student will develop a broad understanding of history as a study of the past.

3.1 Develop a sense of history	3.1.1 classify given pictures as representing life long ago, life today or life in the future 3.1.2 explain that history tells the story of people and events of other times and places 3.1.3 listen to, view and discuss stories, poems and other media about people from other places and times, including pre-Renaissance 3.1.4 listen to, view and discuss stories, poems and other media about selected scientists and inventors 3.1.5 identify basic means of transportation in the past and present and their advantages and disadvantages (e.g., walking, riding animals, animal-drawn wagons, boats, trains, bicycles, cars, airplanes, space shuttles)
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\*Not correlated to State Grade Level Expectations

**SOCIAL STUDIES**  
**Grade K**

**STANDARD 4: Rights And Responsibilities**

The student will recognize individual and group rights and responsibilities.

<p>4.1 Identify and develop good citizenship skills</p>	<p>4.1.1 identify actions associated with good citizenship (e.g., taking turns, sharing)</p> <p>4.1.2 listen to, view and discuss stories, poems and other media about qualities of a good citizen</p> <p>4.1.3 recognize the need for rules and authority among people interacting in various activities</p> <p>4.1.4 demonstrate respect for the rights and property of others</p> <p>4.1.5 define responsibility as a duty to do something or not to do something</p> <p>4.1.6 identify examples of situations involving responsibility (e.g., in the home, classroom)</p>
<p>4.2 Become more aware of self and others</p>	<p>4.2.1 print name and recite address, telephone number and birth date</p> <p>4.2.2 identify multiple roles of family members in various settings (e.g., work, play, home)</p> <p>4.2.3 determine jobs or responsibilities appropriate to age and ability</p> <p>4.2.4 describe an example of privacy</p>

\*Not correlated to State Grade Level Expectations

**SOCIAL STUDIES**  
**Grade K**

**STANDARD 5: Economics**

The student will develop an understanding of basic economic concepts.

5.1 Identify and give examples of basic need and wants	5.1.1 identify basic needs of families (e.g., food, shelter, clothing, companionship) 5.1.2 identify types of shelter, food and clothing used by people in a community 5.1.3 recognize the benefits of saving money for future needs and wants
5.2 Recognize examples of scarcity	5.2.1 identify examples of scarcity (e.g., 7 children and 5 boxes of crayons)
5.3 Recognize that work contributes to society	5.3.1 describe school and community helpers and the jobs they perform 5.3.2 explain that money is exchanged for goods

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