

Language Arts

***Many of these concepts are taught simultaneously and assessed at throughout the trimesters.**

First Trimester

R. 1.6 Recognize and name all uppercase and lowercase letters of the alphabet.
R. 1.2 Follow words from left to right and from top to bottom on the printed page.
R. 1.3 Understand that printed materials provide information
R.1.4 Recognize that sentences in print are made up of separate words.
R. 1.5 Distinguish letters from words.
R.1.7 Track (move sequentially from sound to sound) and represent the number, sameness/difference, and order of two and three isolated phonemes).
R.1.8 Track (move sequentially from sound to sound) and represent changes in simple syllables and words with two and three sounds as one sound is added, substituted, omitted, shifted, or repeated).
R.1.9 Blend vowel-consonant sounds orally to make words or syllables.
R.1.10 Identify and produce rhyming words in response to an oral prompt.
R.1.11 Distinguish orally stated one-syllable words and separate into beginning or ending sounds.
R.1.12 Track auditorily each word in a sentence and each syllable in a word.
R.1.13 Count the number of sounds in syllables and syllables in words.
R.1.14 Match all consonant and short-vowel sounds to appropriate letters.
R1.18 Describe common objects and events in both general and specific language.
W. 1.3 Write by moving from left to right and from top to bottom.
W. 1.1 Use letters and phonetically spelled words to write about experiences, stories, people, objects, or events.
L&O. 1.1 Recognize and use complete, coherent sentences when speaking.
L.1.1 Understand and follow one-and two-step oral directions.

Second Trimester

R.1.15 Read simple one-syllable and high-frequency words (i.e., sight words).
R.1.16 Understand that as letters of words change, so do the sounds (i.e., the alphabetic principle).
R.1.17 Identify and sort common words in basic categories (e.g., colors, shapes, foods).
R. 1.1 Identify the front cover, back cover, and title page of a book.
R.2.1 Locate the title, table of contents, name of author, and name of illustrator.
R.2.2 Use pictures and context to make predictions about story content.
R.2.3 Connect to life experiences the information and events in texts.
R.2.4 Retell familiar stories.
W.1.2 Write consonant-vowel-consonant words (i.e., demonstrate the alphabetic principle).
W.1.4 Write uppercase and lowercase letters of the alphabet independently, attending to the form and proper spacing of the letters
L&O. 1.2 Spell independently by using pre-phonetic knowledge, sounds of the alphabet, and knowledge of letter names.

Third Trimester

R.2.5 Ask and answer questions about essential elements of a text.
R.3.3 Identify characters, settings, and important events.
R.3.1 Distinguish fantasy from realistic text.
R.3.2 Identify types of everyday print materials (e.g., storybooks, poems, newspapers, signs, labels).
L.2.1 Describe people, places, things (e.g., size, color, shape), locations, and actions.
L.2.2 Recite short poems, rhymes, and songs.
L.2.3 Relate an experience or creative story in a logical sequence.

Math

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First Trimester

NS. 1.1 Compare two or more sets of objects (up to ten objects in each group) and identify which set is equal to, more than, or less than the other.

1.3 Know that the larger numbers describe sets with more objects in them than the smaller numbers have.

AF. 1.1 Identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group (e.g., all these balls are green, those are red).

MG. 1.1 Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g., note which object is shorter, longer, taller, lighter, heavier, or holds more).

MG 1.2 Demonstrate an understanding of concepts of time (e.g., morning, afternoon, evening, today, yesterday, tomorrow, week, year) and tools that measure time (e.g., clock, calendar).

MG. 1.3 Name the days of the week.

MG. 2.1 Identify and describe common geometric objects (e.g., circle, triangle, square, rectangle, cube, sphere, cone).

S.1.1 Pose information questions; collect data; and record the results using objects, pictures, and picture graphs.

S.1.2 Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.

Second Trimester

NS. 1.2 Count, recognize, represent, name, and order a number of objects (up to 30).

NS. 2.1 Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10).

MG 1.4 Identify the time (to the nearest hour) of everyday events (e.g., lunch time is 12 o'clock; bedtime is 8 o'clock at night).

MG. 2.2 Compare familiar plane and solid objects by common attributes (e.g., position, shape, size, roundness, number of corners).

Third Trimester

NS. 3.1 Recognize when an estimate is reasonable.

MR. 1.1 Determine the approach, materials, and strategies to be used.

MR. 1.2 Use tools and strategies, such as manipulatives or sketches, to model problems.

MR.2.1 Explain the reasoning used with concrete objects and/ or pictorial representations.

MR. 2.2 Make precise calculations and check the validity of the results in the context of the problem.

Science

***Many of these concepts are taught simultaneously and assessed at throughout the trimesters.**

First Trimester

IE.4.a. Observe common objects by using the five senses.
IE.4. b.Describe the properties of common objects.
IE.4.d. Compare and sort common objects by one physical attribute (e.g., color, shape, texture, size, weight)
IE.4.e.Communicate observations orally and through drawings.
IE.4.c.Describe the relative position of objects by using one reference (e.g., above or below).
PS 1.a. Students know objects can be described in terms of the materials they are made of (e.g., clay, cloth, paper) and their physical properties (e.g., color, size, shape, weight, texture, flexibility, attraction to magnets, floating, sinking).
PS.1.b. Students know water can be a liquid or a solid and can be made to change back and forth from one form to the other.
PS.1.c.Students know water left in an open container evaporates (goes into the air) but water in a closed container does not.
PS.1b.Describe the properties of common objects.
PS.1c. Describe the relative position of objects by using one reference (e.g., above or below).
PS.1d. Compare and sort common objects by one physical attribute (e.g., color, shape, texture, size, weight).

Second Trimester

ES.3.a.Students know characteristics of mountains, rivers, oceans, valleys, deserts, and local landforms.
ES.3.b.Students know changes in weather occur from day to day and across seasons, affecting Earth and its inhabitants.
ES.3.c.Students know how to identify resources from Earth that are used in everyday life and understand that many resources can be conserved.

Third Trimester

LF.2.a. Students know how to observe and describe similarities and differences in the appearance and behavior of plants and animals (e.g., seed-bearing plants, birds, fish, insects).
LF.2.b. Students know stories sometimes give plants and animals attributes they do not really have.
LF.2.c. Students know how to identify major structures of common plants and animals (e.g., stems, leaves, roots, arms, wings, legs).

Social Science

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First Trimester

K.1.1. Follow rules, such as sharing and taking turns, and know the consequences of breaking them.
K.5 Students put events in temporal order using a calendar, placing days, weeks, and months in proper order.
K.4.5. Demonstrate familiarity with the school's layout, environs, and the jobs people do there.
K.3 Students match simple descriptions of work that people do and the names of related jobs at the school, in the local community, and from historical accounts.
K.4.1. Determine the relative locations of objects using the terms near/far, left/right, and behind/in front
K.2 Students recognize national and state symbols and icons such as the national and state flags, the bald eagle, and the Statue of Liberty.
K.6.1. Identify the purposes of, and the people and events honored in, commemorative holidays, including the human struggles that were the basis for the events (e.g., Thanksgiving, Independence Day, Washington's and Lincoln's Birthdays, Martin Luther King Jr. Day, Memorial Day, Labor Day, Columbus Day, Veterans Day).

Second Trimester

K.1.3. Know beliefs and related behaviors of characters in stories from times past and understand the consequences of the characters' actions.
K.6.2 Know the triumphs in American legends and historical accounts through the stories of such people as Pocahontas, George Washington, Booker T. Washington, Daniel Boone, and Benjamin Franklin.
K.6.3. Understand how people lived in earlier times and how their lives would be different today (e.g., getting water from a well, growing food, making clothing, having fun, forming organizations, living by rules and laws).
K.1.2. Learn examples of honesty, courage, determination, individual responsibility, and patriotism in American and world history from stories and folklore.

Third Trimester

K.4.2. Distinguish between land and water on maps and globes and locate general areas referenced in historical legends and stories.
K.4.3. Identify traffic symbols and map symbols (e.g., those for land, water, roads, cities).
K.4.4. Construct maps and models of neighborhoods, incorporating such structures as police and fire stations, airports, banks, hospitals, supermarkets, harbors, schools, homes, places of worship, and transportation lines.

Plan for Meeting the Standards of Kindergarten at Richmond