



Summary of Kindergarten Standards What your Kindergarten student is expected to learn

APS invites you to get familiar with the content standards your child should master this year. The complete text for State standards can be found at www.aps.edu.
(Please note: Examples are provided to illustrate concepts, but are not meant as a complete list.)

LANGUAGE ARTS

Get familiar with books & the written word

- ✎ Locate the title, author, illustrator, and table of contents
- ✎ Describe the different roles of an author and illustrator
- ✎ Begin to understand the various types of books (*picture books, short nonfiction text, nursery rhymes*)
- ✎ Follow words from left to right & top to bottom
- ✎ Distinguish words one at a time (*point with finger*)
- ✎ Understand that language (*spoken & written*) is a combination of different letter sounds

Learn letters and their sounds

- ✎ Identify the upper and lower case letters of the alphabet
- ✎ Develop awareness of letter sounds
 - ⇒ Demonstrate rhyming skills (*bat, cat, sat*)
 - ⇒ Substitute words in a rhyming pattern
 - ⇒ Recognize words that start with the same sounds (*'top' 'toy' 'tab' 'tall'*)
 - ⇒ Say the letter sounds of consonants that begin words ("*b*" ⇒ "*bat*")
 - ⇒ Say all letter sounds in a word (*bat: "b" "a" "t"*)
 - ⇒ Use letter sounds to read words
 - ⇒ Break large words into parts to 'sound out'

Start learning to read!

- ✎ Read common words
- ✎ Use picture clues to predict story content, recognize words & construct meaning
- ✎ Read predictable & patterned text (*one-syllable words, rhyme patterns, word patterns*)
- ✎ Read own dictated story

Comprehend what's read

- ✎ Answer questions (*who, what, when, where, how*) about the text
- ✎ Retell familiar story with beginning, middle and end
 - ⇒ Identify characters, setting and important events
- ✎ Dramatize a variety of literature (*songs, plays*)
- ✎ Compare different versions of the same story and stories from different cultures
- ✎ Build vocabulary by using correct words to identify objects (*nouns*) and actions (*verbs*)

Learn basic writing skills

- ✎ Write all upper and lowercase letters of the alphabet
- ✎ Write own name with correct letter formations & capitalized first letters
- ✎ Write words using inventive spelling (*SPS for "space"*)
- ✎ Begin to learn how to write simple sentences (*My dog is brown.*)
- ✎ Dictate/write stories with beginning, middle and end
- ✎ Share written work with others

Learn how to express yourself & listen to others

- ✎ Ask & answer questions & express ideas
- ✎ Use correct words & grammar
- ✎ Recite nursery rhymes, chants & songs
- ✎ Follow simple two-step directions
- ✎ Give simple directions
- ✎ Listen & view attentively

SOCIAL STUDIES

People • Events • Cultures • Interactions • Citizenship

History

- ✎ Identify the customs, celebrations & holidays of various cultures in New Mexico
- ✎ Identify local, tribal, state & national symbols & activities (*flags, birds, songs, arts, storytelling*)
- ✎ Begin to understand the concept of past & present

Geography

- ✎ Illustrate relative location of things (*over/under, near/far*)
- ✎ Illustrate directions of front, back, left and right
- ✎ Describe natural characteristics of places (*climate, landforms, bodies of water*)
- ✎ Identify natural resources
- ✎ Identify family & traditions

Civics and Government

- ✎ Identify leaders & their roles (*parents, teachers, principal, police, elected officials*)
- ✎ Provide examples of patriotic activities (*pledge of allegiance*)
- ✎ Describe & provide examples of fairness
- ✎ Describe what is meant by citizenship (*take responsibility for own actions, respecting others*)

Economics

- ✎ Recognize that products are made by people, machines or natural processes
- ✎ Recognize the importance of jobs
- ✎ Identify examples of trade (*exchange of goods, buying & selling*)
- ✎ Recognize that basic human needs are met in many ways (*types of food, shelter*)



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MATHEMATICS

Number & Operations

- ✎ Count with understanding and recognize “how many” in sets of objects up to 20
- ✎ Demonstrate a 1-to-1 correspondence (*counting objects in a set*)
- ✎ Use an organized method (*count in sets*) to keep track of quantities while counting
- ✎ Read and write numbers to 20
- ✎ Count backwards from 20
- ✎ Compare and order numbers up to 20
- ✎ Order sets of objects and numbers from least to greatest or greatest to least
- ✎ Match numbers to the quantities they represent
- ✎ Represent numbers to 20 using pictures, objects or numerals
- ✎ Count how many objects when sets are combined
- ✎ Use objects to model simple addition and subtraction story problems (*Joe has 3 cookies and gives Emily 1, how many remain?*)
- ✎ Recognize ‘how many’ in a small set
- ✎ Estimate quantities of objects up to 20

Algebra

- ✎ Sort, classify, and order objects by attributes (*size, number, color and other properties*)
- ✎ Recognize, reproduce, describe, extend, and create simple repeating patterns (*blue-blue-red..., square-circle-square..., loud-soft-soft-loud...*)
- ✎ Model number relationships with objects or pictures (*chairs at tables in classroom*)
- ✎ Put events in sequence (*seed, seedling, flower*)

Geometry

- ✎ Sort basic shapes according to common features       
- ✎ Names and draws basic shapes ○□△
- ✎ Follow simple directions to find a specific location
- ✎ Describe how to get from one location to another (*how to get from classroom to library*)
- ✎ Use spatial vocabulary (*left, right, above, below*) to describe relative position
- ✎ Use manipulatives (*puzzles, tangrams, and blocks*) to demonstrate flips, turns and slides
- ✎ Investigate the symmetry of 2-dimensional shapes (*by folding or cutting paper*)
- ✎ Find and describe geometric shapes in the world around you (*rectangles, triangles, circles*)

Measurement

- ✎ Describe and compare the measurable properties of length (*shorter, longer, taller*), volume (*full, empty*), weight (*heavy, light*), and time (*before, after, morning, days of week*)
- ✎ Make predictions and test them (*use a balance scale, predict how many objects a container will hold*)
- ✎ Take measurements by repeating a common object end-to-end (*use a pencil to measure desk top*)
- ✎ Tell time to the hour using a digital (*number*) and analog (*face*) clock (*11:00, 3:00*)

Data Analysis and Probability

- ✎ Collect data to answer simple questions (*number of classmates who have dogs or cats*)
Record results
Describe in words
Pose questions
- ✎ Make simple predictions

SCIENCE

Scientific Thinking and Practice

- ✎ Use observation & questioning skills (*what happens when I push this?*)
- ✎ Make observations and describe them (*weather, animals, plants*)
- ✎ Describe the relative size of objects (*larger, wider*)
- ✎ Record observations & data with pictures, numbers and/or symbols (*dogs or cats as pets*)

Physical Science

- ✎ Observe that objects are made of different types of materials that have different properties (*metal is hard & shiny, cloth is textured*)
- ✎ Observe how energy does things (*sun melts ice*)
- ✎ Observe that things move in different ways (*straight line, vibration*)
- ✎ Observe that the motion of an object can be affected by pushing or pulling it

Life Science

- ✎ Identify major parts of living things. Describe their functions & observe their differences (*stems & leaves of plants, arms, wings & legs of animals*)
- ✎ Observe & describe similarities & differences in appearance & behavior of living things & how they resemble their parents (*dogs & puppies*)
- ✎ Use the senses (*sight, hearing, touch*) to observe surroundings

Earth and Space Science

- ✎ Observe stars & planets in the night sky
- ✎ Describe the movement of the sun, moon & stars
- ✎ Observe changes in weather (*day to day, season to season*)
- ✎ Observe that the sun warms the land & water, which in turn heats the air