



Kindergarten Standards Summary: What your child is expected to learn

APS invites you to get familiar with the content standards your child should master this year. The complete State & District standards can be found at www.aps.edu.

Please note: examples are provided (in parentheses) to illustrate concepts and are not meant to be a complete list.

READING

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
- ✎ Follow words from left to right & top to bottom
- ✎ Distinguish between letters and words
- ✎ Follow 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 sound (*'top' 'toy' 'tab' 'tall'*)
 - ⇒ Say the letter sound 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

READING

Continued

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)

WRITING

Learn basic writing skills

- ✎ Write all upper and lowercase letters of the alphabet
- ✎ Write own name with correct letter formation & 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

SPEAKING, LISTENING & VIEWING

- ✎ 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

RESEARCH

- ✎ Sort common words, pictures & objects into categories (*objects, colors*)
- ✎ Begin to understand the various uses of books (*fiction, nonfiction, picture books, recipes*)

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 customs & 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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MATH

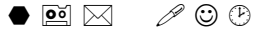
Number & Operations

- ✎ 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 \bigcirc \square \triangle
- ✎ 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

Do Scientific Investigations:

· OBSERVE · PREDICT · EXPERIMENT · VALIDATE ·

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