



What every KINDERGARTEN student should know and be able to do!

A Message To The Reader

This resource provides an overview of the Mesa Public Schools' expectations for kindergarten students in the areas of English Language Arts, Mathematics, Science, and Social Studies in order to be prepared for first grade.

The expectations listed are summarized from the Mesa Public Schools' curriculum, which is aligned with Arizona's College and Career Ready Standards. These performance standards have increased in rigor from past years and reflect the goals of the educational community to ensure all students receive an education essential to success in our local and global communities. For an additional source of information, go to the National Parent Teacher Association (PTA), <http://pta.org/files/K%20June20.pdf>.

ENGLISH LANGUAGE ARTS



The goal of MPS is for every child to be successful and independent as he/she reads, writes, speaks, listens, and uses language. Recognizing the importance of reading practice, it is necessary to read to your child, read with your child, and encourage your child to read independently every day. It is equally important to support your child as he/she expresses ideas in writing. Students should know and be able to ...

Print Concepts

- follow words from left to right, top to bottom, and page by page
- understand that words are made of letters and letters represent sounds
- recognize and name upper- and lowercase letters

Phonological Awareness

- orally produce rhyming words
- blend spoken syllables to say words
- identify initial, final, and middle sounds in a spoken word
- segment one-syllable words into sounds
- recognize new words are created when letter sounds are changed, added, or removed

Phonics and Word Recognition

- say letter sounds represented by single consonants
- read simple words with short and/or long vowels
- read high-frequency words by sight

Fluency

- read and understand kindergarten texts

Literature (fiction)

- identify characters, setting, and events in a story
- retell and ask/answer questions about details in a story
- ask and answer questions about unknown words in a story
- name and define the role of author and illustrator
- compare and contrast characters and events from familiar stories

Informational Text (nonfiction)

- ask and answer questions about key details
- describe connections between individuals, events, ideas, and information
- identify the main topic and retell key details

Informational Text (nonfiction) *(continued)*

- ask and answer questions about unknown words in a text
- identify the parts of a book
- describe the relationships between pictures and texts

Writing

- participate in prewriting activities to generate and organize ideas
- use a combination of drawing, dictating, and writing to compose:
 - ❖ an opinion piece with a preference about a topic or book
 - ❖ an informative piece with information about the topic
 - ❖ a personal narrative including supporting details
- with guidance and support:
 - ❖ revise, evaluate, and refine the first draft for clarity
 - ❖ proofread and edit the draft
 - ❖ publish and present a final product

Speaking and Listening

- share ideas, information, and opinions
- ask and answer questions to seek help or get information
- describe familiar people, places, things, and events
- speak clearly to express thoughts, feelings, and ideas

Language

- use standard English grammar in speaking and writing
- speak and write in complete sentences
- use prepositions (e.g., in, on, under)
- print upper- and lowercase letters
- spell simple words phonetically
- capitalize sentence beginnings and end sentences with punctuation marks
- develop strategies for finding meanings of unknown words

MATH

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The goal of MPS is for every child to develop a deep understanding of mathematical concepts and procedures, while discovering connections to other subjects through real-life problem solving.

Students should know and be able to ...

Counting and Cardinality

- read and write numbers to 20
- count to 100 by ones and tens
- order and compare numbers to 10

Operations and Algebraic Thinking

- create all combinations for the numbers 0–10 using objects or drawings (e.g. $5 = 2 + 3$, $5 = 4 + 1$)
- understand the concepts of addition and subtraction
- solve addition and subtraction word problems using objects or drawings
- fluently add and subtract within 5

Number and Operations in Base Ten

- model numbers 11–19 using a ten and additional ones

Measurement and Data

- describe measurable attributes of objects such as length and weight

Measurement and Data *continued*

- compare 2 objects to see which object has “more than” or “less than” of a measurable attribute
- classify, sort, and count sets of less than 10 objects

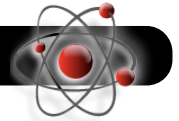
Geometry

- describe objects in the environment using shape names and position words, e.g. above, below, beside, in front of, behind, and next to
- identify and name rectangles, squares, circles, triangles, hexagons, cubes, cones, cylinders, and spheres
- build, draw, compare, describe, and sort 2-dimensional figures
- draw, compare, describe, and sort 3-dimensional figures
- combine simple shapes to form larger shapes

Mathematical Practices

- apply the eight Standards for Mathematical Practice such as problem solving, modeling, and logical reasoning to solve math problems.

SCIENCE



Students should know and be able to ...

Inquiry Process

- make observations
- ask questions and predict results
- participate in guided investigations
- follow safe science procedures
- use simple measurement
- communicate observations

History and Nature of Science

- understand that all people can and do participate in science

Personal and Social Perspectives

- describe how simple tools make tasks easier

Life Science

- distinguish between living and nonliving things
- describe the basic needs of living things
- identify body parts and the five senses
- describe changes in a small system

Physical Science

- compare objects using observation
- investigate forces such as magnetic, push and pull, and static electricity

Earth and Space Science

- identify basic properties of rocks, soil, and water
- identify types of weather and observable changes in weather

SOCIAL STUDIES



Students should know and be able to ...

American History

- sequence historical events, use primary sources and discuss current local events (*These skills are repeated in World History.*)
- recognize Native Americans as original inhabitants of North America
- recognize explorers traveled to new places and astronauts are explorers of space
- recognize our first president and nation’s birthday

World History

- recognize early civilizations moved from place to place and improved their lives
- recognize explorers traveled to new places

Civics/Government

- recognize national symbols, icons, and holidays
- identify Washington, Lincoln, and the current President and Governor
- identify examples of responsible citizenship

Civics/Government *continued*

- recognize rights and responsibilities of citizenship
- identify people who keep the community safe

Geography

- recognize differences between maps and globes, and construct map of a familiar place
- locate continents and oceans on a map or globe
- discuss food, clothing, housing, recreation, and celebrations of cultural groups in community
- discuss how land is used in the community and how people earn a living
- identify origin of natural resources and that resources are renewable, recyclable, and non-renewable

Economics

- discuss different types of jobs
- discuss needs and wants
- recognize people use money to purchase goods and services