



What every FIRST GRADE student should know and be able to do!

A Message To The Reader

This resource is provided by Mesa Public Schools. It contains the first grade expectations for English Language Arts, Mathematics, Science, and Social Studies. The goal for Mesa Public Schools is to help all students be successful and ready to move forward to the next grade level.

These skills and expectations are aligned to the Arizona Standards and our district adopted curriculum. Each standard builds on the standard that came before and toward the standard that comes in the next grade level.

For additional information on grade-level readiness, please visit the National Parent Teacher Association, <https://www.pta.org/docs/default-source/uploadedfiles/1st-grade-june20>

ENGLISH LANGUAGE ARTS

The 2016 Arizona English Language Arts standards include reading and writing foundational skills to help put your child on the path to academic success. Daily reading and writing practice is an important component for grade-level readiness.

Students should know and be able to . . .

Print Concepts

- recognize the features of a sentence

Phonological Awareness

- distinguish long from short vowel sounds in spoken words
- blend sounds to produce single-syllable words
- isolate the beginning, middle, and ending sounds in spoken single-syllable words
- segment one-syllable words into a sequence of sounds
- add, substitute, and delete individual sounds in words to make new words

Phonics and Word Recognition

- know the spelling-sound correspondences for consonant digraphs
- read regularly spelled one-syllable words
- apply all six syllable types when reading grade level texts
- read grade-appropriate irregularly spelled words

Fluency

- read grade level text with purpose and understanding
- read grade level text orally with accuracy, appropriate rate, and expression

Literature (fiction)

- ask and answer questions about key details
- retell stories to demonstrate understanding of the main idea
- describe characters, settings, and major events in a story
- identify words and phrases that suggest feelings
- explain major differences between literature and informational text
- identify who is telling the story at various points in the text
- compare and contrast the experiences and adventures of characters in stories

Informational Text (nonfiction)

- ask and answer questions about key details
- identify the main topic and retell key details
- describe connections between two individuals, events, ideas, or pieces of information
- use various text features to gather information
- distinguish between information provided by pictures and information provided by the words in a text
- identify reasons an author gives as support
- compare two texts on the same topic

Sound-letter Basics and Handwriting

- write upper and lower manuscript letters using correct letter formation

Sound-letter Basics and Handwriting - *continued*

- write the common letter(s) for each sound
- write with appropriate spacing between letters and words
- write the letters used to represent vowel sounds and consonants, knowing every syllable has a vowel

Spelling

- spell common, regular, single-syllable words
- spell on-level words with inflectional endings
- spell unfamiliar words phonetically, applying phonemic awareness and spelling conventions

Writing

- write opinion pieces in which they introduce a topic, state an opinion, supply a reason for the opinion and provide a sense of closure
- write informative pieces in which they name a topic, supply some facts, and provide a sense of closure
- write narratives in which they recount two or more appropriately sequenced events, include details, use temporal words, and provide a sense of closure
- produce writing in which the development and organization are appropriate to the task and purpose
- respond to questions and suggestions from peers and add details to strengthen writing
- use a variety of digital tools to produce and publish writing
- participate in shared research and writing projects

Speaking and Listening

- participate in collaborative conversations, responding to the comments of others through multiple exchanges
- ask and answer questions in order to get information or to clarify something that is not understood
- describe people, places, things, and events, expressing ideas and feeling clearly
- add drawings or visual displays to clarify ideas

Language

- use singular/plural/possessive nouns, verbs, adjectives, pronouns, conjunctions, and prepositions when writing or speaking
- use capitalization, punctuation, and spelling when writing
- clarify the meanings of unknown words using affixes, root words, and sentence-level context
- demonstrate understanding of word relationships

MATH

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 ...

Operations and Algebraic Thinking

- add and subtract within 20, using strategies, equations, and in word problems
- add and subtract with accuracy and speed within 10

Number and Operations in Base Ten

- count to 120 by 1s, 2s, and 10s
- read and write numerals 1 – 120
- understand place value through 100
- add and subtract within 100, using models, drawings, and strategies
- compare two 2-digit numbers

Measurement and Data

- measure length using non-standard units
- tell and write time to the hour and half-hour
- identify coins by name and value
- organize, represent and interpret data

Geometry

- classify shapes by attributes
- compose 2-dimensional and 3-dimensional shapes
- partition circles and rectangles into two and four equal shares

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

- compare objects
- ask questions and predict results
- participate in guided investigations
- follow safe science procedures
- use simple tools to collect data and record it
- compare results to predictions
- communicate results of observations

History and Nature of Science

- understand that all people can and do participate in science

Personal and Social Perspectives

- identify technologies that people use
- describe how tools make better observations and measurements

Life Science

- identify and compare characteristics and features of living things
- identify stages of human and animal life
- compare habitats & describe plants and animals interdependence within the habitat

Physical Science

- classify objects by observable properties
- classify materials as solids or liquids

Earth and Space Science

- describe and compare basic earth materials
- identify the sun as a natural source of heat and light
- compare objects and changes in the sky
- identify seasonal weather patterns and how it affects daily life

SOCIAL STUDIES

Students should know and be able to ...

American History

- place life events on a timeline, and retell stories to describe past events (*These skills are repeated in World History.*)
- use primary sources and discuss current events (*These skills are repeated in World History.*)
- recognize farming allowed people to settle in one place and develop civilizations
- recognize settlement led to developments in farming, government, art, and communication
- describe interaction of Native Americans with the Spanish and Pilgrims
- compare how people lived in Colonial times with people today
- recognize civil rights leaders

World History

- recognize farming allowed people to settle in one place and develop civilizations (Egypt)
- recognize settlement led to developments in farming, government, art, and writing in Ancient Egyptian Civilization
- recognize England and Spain wanted to rule the world

Civics/Government

- identify national symbols, icons, songs, and holidays
- practice examples of democracy in action
- recognize state symbols of Arizona
- identify current President and Governor
- identify examples of responsible citizenship and its rights and responsibilities

Geography

- recognize types, purposes, and characteristics of maps and globes
- construct maps of a familiar place with compass rose, symbols, and key
- discuss elements of culture of a community
- discuss how land is used in the community and how people earn a living
- identify resources that are renewable, recyclable, and non-renewable

Economics

- discuss needs and wants
- recognize people make choices and are buyers and sellers of goods
- discuss reasons for personal savings