



What every FIRST GRADE 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 first grade students in the areas of English Language Arts, Mathematics, Science, and Social Studies in order to be prepared for second 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/1st%20Grade%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

- recognize the features of a sentence

Phonological Awareness

- distinguish long from short vowel sounds in spoken words
- blend sounds to produce words
- isolate the beginning, middle, and ending sounds in spoken words
- segment words into a sequence of sounds

Phonics and Word Recognition

- apply knowledge of the sounds and spellings of consonant digraphs
- read words with one to two-syllables and inflectional endings
- apply knowledge of the final -e and common vowel team patterns
- 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 the main idea and key details
- describe characters, settings, and major events in a story, using key details
- identify words and phrases that suggest feelings
- explain major differences between fiction and nonfiction text
- compare/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
- identify reasons an author gives as support
- compare two texts on the same topic

Writing

- write an opinion with support about a text or topic
- write about a topic and include details or facts
- include sequence of events, details, and transitions
- provide a sense of opening and closing
- participate in shared research and writing projects
- use technology and digital resources to produce and publish writing

Speaking and Listening

- participate in small and large group discussions about an assigned topic or text using agreed-upon rules
- build on others' talk in conversations
- ask and answer questions in order to seek help, get information, or for clarification
- describe people, places, things, and events with relevant details
- express ideas and feelings clearly with complete sentences
- add drawings or visual displays to clarify ideas

Conventions

- print all upper- and lowercase letters
- use singular/plural/possessive nouns, verbs, adjectives, pronouns, conjunctions, and prepositions when writing or speaking
- write complete sentences with capitalization and various types of punctuation
- spell words with common spelling patterns

Vocabulary

- learn new meanings of unknown and multiple-meaning words
- use affixes as a clue to the meaning of a word
- sort words into groups, define words by category, make real-life connections, and distinguish shades of meaning
- use words and phrases acquired through conversations and reading

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

Measurement and Data

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

Geometry

- classify shapes by attributes
- compose 2-dimensional and 3-dimensional shapes
- partition circles and rectangles in 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