

3rd Grade Learning Goals

Each area of our grade card matches the Missouri Learning Standards set by the state. **By the end** of 3rd Grade, our goal is to have each student where they need to be. The following is an explanation of what each standard means:

Reading

Phonics Goal:

- I can apply spelling patterns to learn new words.
- I can use my knowledge of phonics to decode new words, break syllables and read.

Fluency Goal:

- I can read books at my grade level independently.
- I can use context to correct myself when I make a mistake.

Reading Goal:

- I can ask and answer questions about who, what, when, where, why and how in a story.
- I can summarize a story's beginning, middle and end and the moral of the story.
- I can identify characters and their traits, setting, sequence of events and plot in stories.
- I can tell what the main idea is along with supporting details.
- I can draw conclusions and support it with details from the text.
- I can use text and graphics to locate information.
- I can tell the difference between fiction, non-fiction, poetry and plays.
- I can explain how illustrations contribute to an author's purpose.
- I can explain cause and effect relationships.
- I can explain the author's purpose in writing.
- I can follow and explain a set of multi step directions.
- I can tell the difference between fiction, non-fiction, biography, auto-biography, fact and opinion.

Vocabulary Goal:

- I can decode meaning by using prefixes, suffixes and root words.
- I can use context clues to find the meaning of words.
- I can use homographs and homophones.
- I can look up words in the dictionary or glossary for meaning, syllables and pronunciation.
- I can distinguish between literal and non-literal meaning of words and phrases. Ex: in hot water.
- I can discuss analogies. Ex: fish is to water like a bird is to sky.
- I can determine the meanings of similes, metaphors and imagery.

Connections Goal:

- I can tell how two stories are the same and different in fiction and non-fiction.
- I can tell how people, events or ideas are connected.
- I can tell how a story relates to the world.
- I can compare different tellings of the same story and show how point of view impacts those stories.

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Writing

Conventions Goal:

- I can capitalize and punctuate correctly including commas and apostrophes.
- I can write with complete subjects and predicates..
- I can produce all four types of sentences using both simple and compound: declarative, imperative, exclamatory and interrogative.
- I can use pronouns and antecedents to make my writing flow.
- I can use correct grammar when I speak and write.

Writing Process Goal:

- I can use a prewriting strategy when given the purpose and audience.
- I can write multiple paragraphs on a single topic with each paragraph having a main idea and supporting evidence.
- My stories have a beginning, middle and end.
- I use transitions to keep the reader moving and keep my writing in order.
- I can find mistakes in my writing and fix them.
- I can strengthen my writing by revising to improve it.
- I can use a direct quote from an author or source.
- I can use dialogue in my writing.
- I can use a variety of print and digital methods to publish my writing.

Research Process Goal:

- I can make a list of potential topics and generate questions about them.
- I can gather and record information about a topic from multiple sources.
- I can determine if a source is accurate.
- I can create a resource page to show where I found my information.
- I can organize my information into a report or presentation.

Speaking and Listening

Listening Goal:

- I follow classroom listening rules.
- I listen and follow three-step instructions.
- I can listen and build upon a conversation with teachers and classmates.
- I can ask questions to verify understanding of the information I learned.

Speaking Goal:

- I speak loud enough, clearly enough and with correct pacing so others can understand.
- I can participate in a conversation following polite social norms.
- I can present information using academic language and a variety of forms..
- I speak using complete sentences and adjust volume as needed.
- I use correct body language and eye contact when presenting.
- I come to discussions prepared to learn and express opinions.

Math

Base 10 Goal:

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- I can round whole numbers to the nearest 10s and 100s.
- I can read and write numbers to 10,000, using numbers, words, or expanded form.
- I can compare three-digit numbers using $<$, $>$, $=$.
- I can add and subtract within 1000 fluently.
- I can multiply whole numbers by 10 in the 10-90 range.

Fractions Goal:

- I understand that a fraction is a part of a whole.
- I can describe the numerator as the number of pieces of the whole.
- I can describe the denominator as the total number of pieces of the whole.
- I can represent fractions on a number line.
- I can tell if two fractions are equal.
- I can generate equivalent fractions using visual models.
- I can compare fractions using $<$, $>$, $=$.
- I can explain why fraction comparisons are only equal if they refer to the same whole.

Data and Statistics Goal:

- I can create a line plot, picture or bar graph, and frequency tables to represent numerical data.
- I can draw conclusions and solve problems using information from graphs.

Geometry and Measurement Goal:

- I can describe and draw triangles, quadrilaterals, pentagons, hexagons, circles and cubes, rhombuses and rectangles.
- I can explain the differences between categories.
- I can break shapes into equal shares and express them as fractions.
- I can compare objects using length, volume and weight.
- I can solve problems using length, volume and weight.
- I can calculate area and perimeter.
- I can tell and write time to the nearest minute with both types of clocks using am and pm.
- I can estimate, add and subtract time intervals in minutes.

Relationships and Algebraic:

- I can multiply and divide within 100 using whole numbers.
- I can solve word problems.
- I can solve missing number problems using multiplication and division. Ex: $10 \times \underline{\quad} = 100$.
- I can apply properties of multiplication and division to help solve problems.
- I can write and solve two-step problems using $+$, $-$, $*$, $/$.
- I can look at an answer and decide if it is reasonable "makes sense".
- I can use patterns to solve problems.

Science

Earth's Systems Goal:

- I can make tables and graphs to describe typical weather conditions.

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- I can describe climates in different regions in the world.

Human Activity Goal:

- I can make a claim about existing solutions that reduce the impacts of a weather-related hazard. Ex: tornado shelters, levies, sea walls.

Engineering Goal:

- I can define a simple problem reflecting a need or want with criteria for success using certain materials, time and/or cost.
- I can generate and compare multiple solutions.
- I can plan and carry out tests with variables and identify aspects that could be improved.

Matter Goal:

- I can predict and investigate the states of water as a result of temperature change.
- I can argue with evidence that some changes can be reversed and some cannot.

Forces & Motion Goal:

- I can plan and conduct investigations to determine the cause and effect relationships of objects.

Molecules to Organisms Goal:

- I can construct an argument with evidence that some organisms can adapt to some ecosystems while others cannot.
- I can develop a model to compare and contrast the life cycle of plants and animals.

Heredity Goal:

- I can construct an argument to support claims that some characteristics are inherited and some are influenced by the environment.
- I can explain how some variations of the same species create an advantage.
- I can explain how ecosystems impact an organism's survival.
- I can evaluate how a solution to environmental change impacts plants and animals.

Social Studies

Democracy Goal:

- I can explain how laws and rules are made and changed in our state.
- I can explain the major purposes of the Missouri constitution.
- I can discuss how individual rights are protected.
- I can explain how Missouri relies on responsible citizens.
- I can describe the character traits of influential Missourians.
- I can explain how the national anthem, Gateway Arch, the Great Seal of Missouri and other symbols of our state and nation.

Government Systems Goal:

- I can explain how governments balance individual rights with common good to solve issues.
- I can analyze peaceful resolutions of disputes in courts.
- I can describe how decisions are made, enforced and interpreted over time.
- I can identify and explain the functions of the three branches of government in Missouri.

History Goal:

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- I can describe the migrations of native Americans to Missouri prior to European settlement.
- I can describe the discovery, exploration and early settlement of Missouri.
- I can describe Missouri's history with slavery.
- I can describe the conflicts with different cultures in Missouri and the effect of the Civil War.
- I can explain Missouri's role in the Civil War including the concept of border state.
- I can describe the consequences of the Civil War on education, transportation and communication.
- I can describe the contributions of Missourians to our state and nation.
- I can discuss the causes and consequences of the Dred Scott decision.
- I can describe the importance of the Louisiana Purchase, expedition of Lewis and Clark, westward expansion and issues of statehood.

Economic Goal:

- I can compare and contrast private and public goods and services.
- I can define natural, capital and human resources.
- I can define what an economy is and factors that influence it.
- I can explain supply and demand.
- I can conduct a personal cost-benefit analysis.
- I can define taxes and explain how they are generated and used.

Geography Goal:

- I can read and construct historical and current maps..
- I can name and locate major cities, rivers, regions and states which border Missouri.
- I can describe and use absolute location using a grid system.
- I can describe physical and human characteristics of our state.
- I can describe how people in Missouri are affected, depend on, adapt to and change their physical environments in the past and present.
- I can describe how changes in communication and transportation affect lives.
- I can identify and compare regions in Missouri.
- I can explain how geography affected important events in Missouri history.

People and Cultures Goal:

- I can compare cultural characteristics of the regions of Missouri.
- I can take part in a constructive process or method of conflict resolution.
- I can research songs and stories that reflect the cultural history of Missouri.
- I can describe how people from Missouri celebrate cultural heritage.
- I can examine the changing roles of Native Americans, immigrants, African Americans, women and others in Missouri history.

Inquiry Goal:

- I can select and analyze primary and secondary social studies sources with help.
- I can create artifacts to share information on social studies topics.

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- I can use visual tools to communicate information and ideas.
- I can identify facts and opinions.
- I can identify points of view.
- I can present research about a topic using sources.
- I can generate questions and investigate answers using sources.