

Do you know MO?

Activities/Curriculum Guide for Missouri Almanac 2018–2019

Missouri Learning Standards Alignment:

ELA

Writing 2.Compose well-developed writing texts for audience and purpose.

Social Studies	Science
SS 1.E. Character traits and civic attitudes of significant individuals	Strand 3.1.A. Organisms have basic needs for survival
SS 3a.A. Understand the movement of people from many regions of the world to North America	Strand 3.1.D. Plants and animals have different structures that serve similar functions necessary for the survival of the organism
SS 3a.B. Historical perspective / Thinking / Passage of time	Strand 3.3.D. There is heritable variation within every species of organism
SS 3a.C. Knowledge of the contributions of significant persons in U.S. history.	Strand 5.2.F. Climate is a description of average weather conditions in a given area due to the transfer of energy and matter through Earth's systems
SS 4A. Knowledge of basic economic concepts	Strand 7.1.A. Scientific inquiry includes the ability of students to formulate a testable question and explanation, and to select appropriate investigative methods in order to obtain evidence relevant to the explanation
SS 6A. Changing of roles of various groups	

Direct Alignment to many of the Ten Themes of the National Council for the Social Studies

1. Culture
3. People, Places, and Environments
5. Individuals, Groups, and Institutions
7. Production, Distribution, and Consumption
8. Science, Technology, and Society

Badges

Missouri Animals Badge

Can you spot at least 5 of these animals in the wild (or in a zoo or wildlife preserve)? Once you do, you've earned the Missouri Animals Badge!

Box Turtle Date: Location: Description:	Eastern Bluebird Date: Location: Description:	Possum Date: Location: Description:
Raccoon Date: Location: Description:	Coyote Date: Location: Description:	Bald Eagle Date: Location: Description:
White-Tailed Deer Date: Location: Description:	Nine-banded Armadillo Date: Location: Description:	Rainbow Trout Date: Location: Description:
Bobcat Date: Location: Description:	Black Bear Date: Location: Description:	North American River Otter Date: Location: Description:

Find out more about these animals in the Animals section of the Missouri Almanac!

Date Badge Earned:

Witness:

Art and Architecture of Missouri Badge

Missouri has a plethora of impressive buildings, fountains, paintings, sculptures and more. How many of these can you observe?

Art/Architecture	Your Expert Observations
Kansas City Fountain (any of many!) Date:	
Thomas Hart Benton murals Date:	
St. Louis Cathedral Basilica Date:	
Nelson-Atkins Museum Date:	
Kauffman Center for the Performing Arts Date:	
Kansas City or St. Louis Public Library (Main Branch) Date:	
Jesse Hall and the Columns on the University of Missouri-Columbia Campus Date:	
Sappington House Date:	
Laumeier Sculpture Park Date:	
Powell Symphony Hall Date:	
Wainwright Building Date:	
1 of the 5 Frank Lloyd Wright Homes Date:	

After visiting and making observations about at least 5 of these, take a shot at creating something of your own. Draw, paint, sculpt, design a bridge, building or a fountain! After your art or architecture is complete, you've earned the Art and Architecture of Missouri badge!

Date Badge Earned:

Witness:

Missouri Passport Badge

Participating in activities and visiting locations around Missouri will earn you this badge!
Write a journal entry on paper, online, or on a computer for each of your experiences.

Activity/Event/Location	Date
Missouri State Fair	
St. Louis Zoo	
State Capitol	
Go Fishing	
Go Camping	
Go Hiking	
Town with Unusual Name*	
Healing Springs*	
Haunted Places*	
Spot a Stealth Bomber	
Pitch Horseshoes	
Choose your own MO adventure.	

*Featured in the People and Places section of the Missouri Almanac.

After visiting/experiencing at least 5 of these and recording a journal entry for each you've earned the Missouri Passport Badge!

Date Badge Earned:

Witness:

Learning Activities

Historically Significant Missourians

Maya Angelou	George Washington Carver	James Ferguson
Thomas Hart Benton	Samuel Clemens (Mark Twain)	Jesse James
Yogi Berra	Walter Cronkite	Dred and Harriet Scott
Susan Blow	Walt Disney	Harry S Truman

Complete the KWHL thinking process for any of the famous Missourians you are interested in. The Missouri Almanac is a great place to start for basic information.

<p style="text-align: center;">K</p> <p style="text-align: center;">What I Know</p> <p>Facts from your prior knowledge or what you just read in the Missouri Almanac.</p>	
<p style="text-align: center;">W</p> <p style="text-align: center;">Want to Know/Solve</p> <p>Where does your curiosity take you? Do you want to know more about the individual, or does their life or work make you think of a problem you want to solve?</p>	
<p style="text-align: center;">H</p> <p style="text-align: center;">How will I find out?</p> <p>Should you look in a library database, read a book, interview an expert, listen to a speech, watch a documentary, etc.? Make a plan for finding the answers you want.</p>	
<p style="text-align: center;">L</p> <p style="text-align: center;">What I learned</p>	

What were the most important things that your Missourian did that had an impact on the people living in his/her time? How have his/her actions impact our lives today?

Were there qualities that you admire about the Missourian you studied? Were there qualities of which you disapproved?

Write three questions that you would ask your Missourian if you had the chance to speak to him or her today? What would you want to tell them about our world today?

Create something inspired by your chosen Missourian.

- Your own invention
- Drawing
- Painting
- Song
- Poem
- Map
- Sculpture
- Game
- Scavenger Hunt
- Choose your own creation!

Missouri Animals

There are so many amazing Missouri animals! Choose two from this list to make observations about and compare. Use a school or public library book to help you OR visit your library website to find online resources where you can learn more about your animals.

- | | | |
|---------------|-----------------------|----------------------------|
| Raccoon | Eastern Bluebird | Coyote |
| Bobcat | Black Bear | North American River Otter |
| Box Turtle | Possum | White-tailed deer |
| Rainbow Trout | Nine-banded armadillo | Bald eagle |

Task	Animal #1: _____	Animal #2: _____
Basic Needs--What does the animal need to survive? Give details about food and shelter.		
Name 3 physical features of the animal and what purpose they serve. (beak, claws, fur, etc.)		
Life Cycle--Describe the animal in different stages of life. How long does the animal typically live?		
How are the parent and child animals the same? How are they different?		
Compare your two animals. How are they the same? How are they different? (food, shelter, appearance, behavior, etc.)		

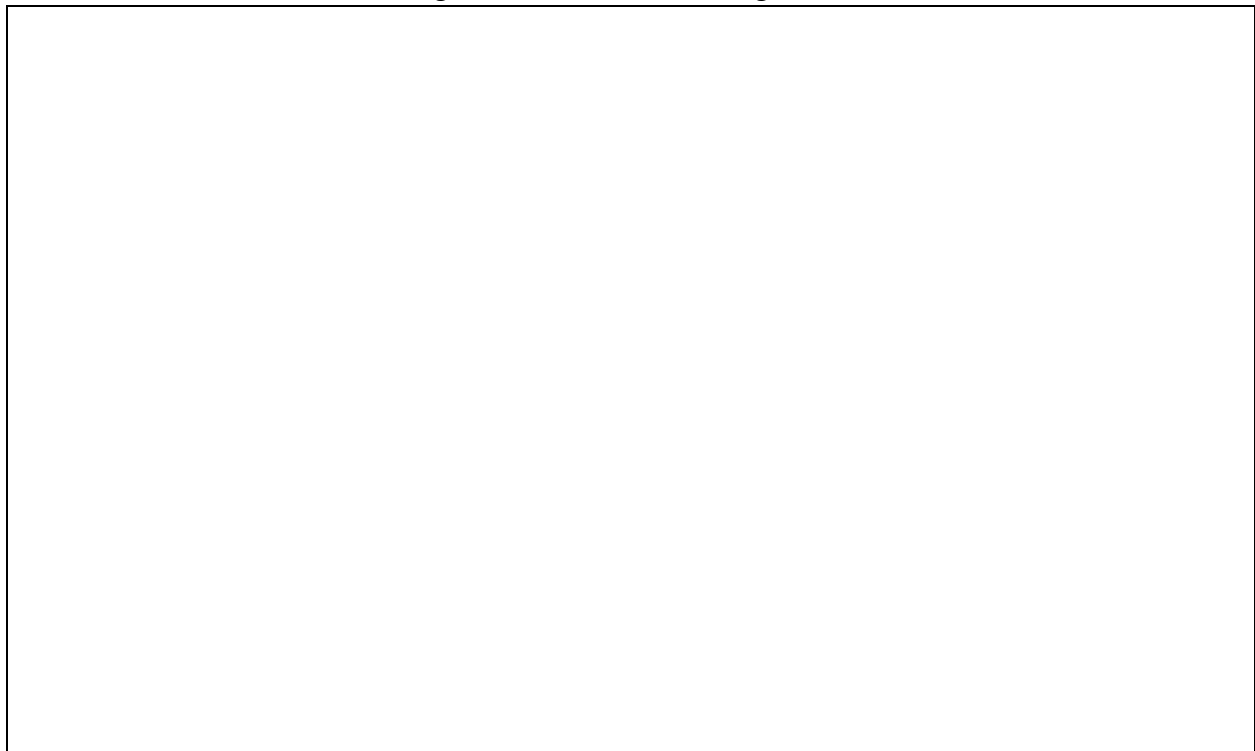
Which of your two chosen animals is your favorite and why?

What is the most interesting fact you learned about your favorite animal?

Using what you learned about Missouri animals, create your own!

Name of your animal:	
What does your animal look like? (head, feet, skin/fur, etc.)	
What does your animal eat?	
Where does your animal live?	

Draw your animal here including its habitat and how it gets the food it needs.



Now create a 3D model of your animal with clay or materials around the house. Share your creation with a friend or adult. Be sure to explain what makes your Missouri animal special!

Weather Near You

Missouri has a continental climate where the weather changes depending on the season. Our winter is mostly cold and dry and summers are hot and humid. An estimate is your best guess based on the information you have around you. Complete the chart below by estimating temperature and rainfall amounts where you live. Then, find the actual data and add it to the chart.

<p style="text-align: center;"><u>Weather Measurement</u></p> <p>Average temperatures and average rainfalls are ways to compare weather and climate in other parts of the world.</p>	<p style="text-align: center;"><u>Your Estimates</u></p> <p>Based on what you know about the weather where you live, estimate.</p>	<p style="text-align: center;"><u>Actual Data</u></p> <p>Visit http://www.usclimatedata.com and click Missouri in the list of states. Choose a city from the list that is closest to you. Fill in the actual information below.</p>
Annual High Temperature (Average):		
Annual Low Temperature (Average):		
Annual Precipitation —Rainfall (Average):		
Month with the most rainfall:		
Month with the least rainfall:		
Month with the lowest average temperature:		
Month with the highest average temperature:		

How were your estimates? Does the actual data make sense to you? Describe your observations and react to any discrepancies with ideas about what could explain them.

Write about MO

Use these writing prompts to practice different writing skills. Be sure to use evidence and descriptive details and organize your writing so it's focused and makes sense to your audience. The best writers get feedback throughout the writing process so they can make changes to improve their writing piece before it's complete. Talk to a friend or adult about your writing to make it the best it can be!

Tell your family's Missouri story.

Talk to your grandparents, parents, aunts, uncles, cousins or siblings. What is one interesting story from your family that others might want to know about? Write it with details, a good hook at the beginning and dialogue.

Food Traditions

Does your family have recipes that have been passed down through generations? Identify a favorite family dish and share it by writing about why it's meaningful to you. Be sure to include the recipe itself and when you and your family like to prepare and eat it.

Opinion Writing

Brainstorm a list of your favorite things about Missouri or your hometown. Then choose one to write an opinion piece about. Be sure to include a claim along with supporting evidence to express your opinion effectively.

Advertise Missouri

Use the almanac to develop a one-page flyer advertising our great state! Identify your audience and then include highlights that would convince that audience to visit Missouri. Your flyer should have specific details, visuals, and a focused theme.

Nature Writing

Write a piece where nature is the primary focus. Share what it feels like to stroll near a Missouri stream, spend an afternoon trout fishing, stargaze in the summer or share any other experience you've had with nature in our great state!