



▶ STATE STANDARDS CORRELATION

- ▶ **State:** Missouri
- ▶ **Grade Levels:** Elementary and Secondary Education
- ▶ **Content Areas:** Communication Arts, Science, Mathematics, and Social Studies

For a complete list of Knowledge Standards and Performance Goals, please visit <http://dese.mo.gov/standards/>, or contact the Missouri State Board of Education.

Knowledge Standards

COMMUNICATION ARTS

In Communication Arts, students in Missouri public schools will acquire a solid foundation, which includes knowledge of, and proficiency in:

3. Reading and evaluating nonfiction works and material
4. Writing formally and informally
6. Participating in formal and informal presentations and discussions of issues and ideas

SCIENCE

In Science, students in Missouri public schools will acquire a solid foundation, which includes knowledge of:

3. Characteristics and interactions of living organisms
4. Changes in ecosystems and interactions of organisms with their environments.
7. Processes of scientific inquiry
8. Impact of science, technology, and human activity on resources and the environment.

MATHEMATICS

In Mathematics, students in Missouri public schools will acquire a solid foundation, which includes knowledge of:

3. Data analysis, probability, and statistics

SOCIAL STUDIES

In Social Studies, students in Missouri public schools will acquire a solid foundation, which includes knowledge of:

5. The major elements of geographical study and analysis and their relationships to change in society and environment.
7. The use of tools of social science inquiry (such as surveys, statistics, maps, documents)

Performance Standards

GOAL 1: Students in Missouri public schools will acquire the knowledge and skills to gather, analyze and apply information and ideas.

Students will demonstrate within and integrate across all content areas the ability to

1. develop questions and ideas to initiate and refine research
2. conduct research to answer questions and evaluate information and ideas
3. design and conduct field and laboratory investigations to study nature and society
4. use technological tools and other resources to locate, select and organize information
5. comprehend and evaluate written, visual and oral presentations and works
6. discover and evaluate patterns and relationships in information, ideas and structures
8. organize data, information and ideas into useful forms (including charts, graphs, outlines) for analysis or presentation
10. apply acquired information, ideas and skills to different contexts as students, workers, citizens and consumers

GOAL 2: Students in Missouri public schools will acquire the knowledge and skills to communicate effectively within and beyond the classroom.

Students will demonstrate within and integrate across all content areas the ability to

1. plan and make written, oral and visual presentations for a variety of purposes and audiences
3. exchange information, questions and ideas while recognizing the perspectives of others

GOAL 3: Students in Missouri public schools will acquire the knowledge and skills to recognize and solve problems.

Students will demonstrate within and integrate across all content areas the ability to

1. identify problems and define their scope and elements
5. reason inductively from a set of specific facts and deductively from general premises
6. examine problems and proposed solutions from multiple perspectives

GOAL 4: Students in Missouri public schools will acquire the knowledge and skills to make decisions and act as responsible members of society.

Students will demonstrate within and integrate across all content areas the ability to

1. explain reasoning and identify information used to support decisions
3. analyze the duties and responsibilities of individuals in societies
6. identify tasks that require a coordinated effort and work with others to complete those tasks
7. identify and apply practices that preserve and enhance the safety and health of self and others

Audubon Adventures Issue	Communication Arts	Science	Mathematics	Social Studies	Performance Standards
Stink, Bite, Hide, Fight!					
Student Newspaper	3	3, 8			1.10, 2.3, 3.6, 4.3, 4.6
Classroom Resource Manual:					
Hands-On Activity: <i>Understanding Animal Body Language</i> (page 29)	3, 4, 6	3, 7,		7	1.1, 1.2, 1.4, 1.5, 1.6, 1.8, 2.1, 2.3, 4.1, 4.6
Hands-On Activity: <i>Building a Defense</i> (page 29)	3, 6	3, 4, 7,		7	1.1, 1.2, 1.4, 1.5, 1.6, 1.8, 2.1, 2.2, 3.5, 4.6
Field Activity: <i>Zoo Doings</i> (page 30)	3, 4,	3, 4, 7, 8	3	5, 7	1.1, 1.2, 1.3, 1.5, 1.6, 1.8, 2.3, 3.1, 3.5, 3.6, 4.1, 4.3, 4.7
<i>Find Out More Essay</i> (page 32)	3,	3, 4, 8			1.6, 3.1, 3.5, 4.1, 4.3, 4.6, 4.7
Critter Construction: How, What & Why Animals Build					
Student Newspaper	3, 4	3, 4, 7, 8		5, 7	1.1, 1.2, 1.4, 1.6, 1.8, 3.5, 4.3, 4.7
Classroom Resource Manual:					
Field Activity: <i>Give a Bird Builder a Boost</i> (page 24)	3, 6	3, 4, 7, 8	3	5, 7	1.2, 1.3, 1.4, 1.6, 1.8, 2.3, 3.6, 4.1, 4.3, 4.6,
Hands-On Activity: <i>All About an Animal Builder</i> (page 22)	3, 4, 6	3, 4, 7,			1.1, 1.2, 1.4, 1.5, 1.6, 1.8, 2.1, 2.3, 3.5, 4.1,
Hands-On Activity: <i>Animal Builders Vocabulary Builder</i> (page 22)	4	3, 4, 8			1.8, 3.5,
<i>Find Out More Essay</i> (page 25)	3,	3, 4,			1.2, 1.5, 1.6, 1.10, 3.5,
On the Go! Animals that Migrate					
Student Newspaper	3	3, 4, 7, 8	3	5, 7	1.3, 1.4, 1.6, 1.10, 2.3, 3.1, 3.6, 4.3
Classroom Resource Manual:					
Hands-On Activity: <i>What's in the Way</i> (page 36)	3, 4, 6	4, 7, 8		5, 7	1.1, 1.2, 1.4, 1.5, 1.6, 1.8, 1.10, 2.3, 3.1, 3.6, 4.1, 4.3, 4.6,
Hands-On Activity: <i>Mapping Flapping</i> (page 36)	3, 4, 6	4, 7, 8	3	5, 7	1.1, 1.2, 1.4, 1.5, 1.6, 1.8, 2.1, 2.3, 3.5, 4.6
Hands-On Activity: <i>Native Plants are for the Birds – and Bugs!</i> (page 37)	3, 6	3, 4, 7, 8	3	7	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 1.10, 2.3, 4.1, 4.3, 4.6, 4.7
<i>Find Out More Essay</i> (page 39)	3,	3, 4, 8		5, 7	1.5, 1.6, 3.1, 3.6, 4.3, 4.6
Plants Rule!					
Student Newspaper	3,	3, 4, 7, 8		5, 7	1.5, 1.6, 1.10, 3.1, 3.6, 4.3, 4.6, 4.7
Classroom Resource Manual:					
Hands-On Activity: <i>Natural Networks</i> (page 15)	3, 6	3, 4, 8			1.1, 1.2, 1.4, 1.6, 1.8, 2.3, 3.5, 4.1, 4.3,
Hands-On Activity: <i>Who Eats Whom?</i> (page 16)	6	3, 4, 7	3	7	1.1, 1.2, 1.3, 1.6, 1.8, 2.3, 3.1, 3.5, 4.1, 4.6
Field Activity: <i>They're Everywhere!</i> (page	4, 6	7, 8	3	5, 7	1.1, 1.2, 1.6, 1.8, 1.10, 2.3, 3.5, 4.3,

15)					
<i>Find Out More Essay (page 18)</i>	3	3, 4		5	1.10, 3.1, 3.5, 3.6, 4.3, 4.6, 4.7

