



## ▶ STATE STANDARDS CORRELATION

- ▶ State: Missouri
- ▶ Grade Levels: Elementary and Secondary Education
- ▶ Content Areas: Knowledge Standards: Communication Arts, Science, Mathematics, and Social Studies; Performance Goals

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:

4. Changes in ecosystems and interactions of organisms with their environments.
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:

1. addition, subtraction, multiplication and division; other number sense, including numeration and estimation; and the application of these operations and concepts in the workplace and other situations
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 Goals

**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
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

**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*

2. develop and apply strategies based on ways others have prevented or solved problems
3. develop and apply strategies based on one's own experience in preventing or solving problems
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

Audubon Adventures Issue	Communication Arts	Science	Mathematics	Social Studies	Performance Goals
<b>At Home in a Habitat</b>					
Student Newspaper	3	4, 8	3	5, 7	1.4, 1.6, 3.5, 4.3
Classroom Resource Manual:					
Field Activity: <i>Wild in the Schoolyard</i> (page 15)	3, 4, 6			5, 7	1.2, 1.4, 1.8, 2.3, 4.6
Hands-On Activity: <i>Help the Local Habitat: Build a Bird Feeder</i> (page 16)	3	8	1		3.2, 3.3, 3.6, 4.1, 4.6
Hands-On Activity: <i>Garbage In, Compost Out!</i> (page 16)	3, 6	8			1.1, 1.4, 2.1, 2.3, 3.2, 3.3, 3.5, 3.6, 4.3, 4.6
<i>Find Out More Essay</i> (page 18)	3	4, 8	1, 3	5, 7	1.4, 1.6, 3.5, 4.3
<b>Caretaking our World's Water</b>					
Student Newspaper	3	4, 8	1	5, 7	1.2, 1.6, 3.2, 3.5, 3.6, 4.3
Classroom Resource Manual:					
Field Activity: <i>School Water Audit</i> (page 24)	3, 4, 6	8	1, 3		1.1, 1.2, 1.3, 1.8, 2.1, 2.3, 3.5, 3.6, 4.1, 4.3, 4.6
Hands-On Activity: <i>Where's Our Water From?</i> (page 26)	3, 4,			5	1.1, 1.2, 1.4, 1.8, 2.3, 3.2, 3.3, 3.5, 4.1, 4.6
Hands-On Activity: <i>Map Your Watershed</i> (page 26)	3, 4	8		5, 7	1.4, 1.6, 4.1, 4.3, 4.6
<i>Find Out More Essay</i> (page 27)	3	4, 8		5	1.2, 3.5, 4.3
<b>Power from the Planet</b>					
Student Newspaper	3	8	1, 3	7	1.2, 1.6, 4.3, 4.6
Classroom Resource Manual:					
Hands-On Activity: <i>Energy Challenge</i> (page 33)	3, 4, 6	8	1	5	1.1, 1.6, 1.8, 2.1, 2.3, 3.2, 3.3, 3.5, 3.6, 4.1, 4.3, 4.6
Hands-On Activity: <i>Trashology</i> (page 33)		8	1, 3		1.2, 1.3, 1.8, 4.3, 4.6
Field Activity: <i>Energy Check</i> (page 34)		8	1, 3	7	1.2, 1.3, 1.8, 2.3, 3.2, 3.3, 3.5, 3.6, 4.3
<i>Find Out More Essay</i> (page 36)	3	8	3	7	4.3

