

MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

SHOW-ME STANDARDS

PERFORMANCE (PROCESS) STANDARDS

	GOAL #1	GOAL #2	GOAL #3	GOAL #4
PERFORMANCE (PROCESS) STANDARDS	<p>Students in Missouri public schools will acquire the knowledge and skills to gather, analyze and apply information and ideas.</p> <p><i>Students will demonstrate within and integrate across all content areas the ability to:</i></p> <ul style="list-style-type: none"> 1.1 develop questions and ideas to initiate and refine research. 1.2 conduct research to answer questions and evaluate information and ideas. 1.3 design and conduct field and laboratory investigations to study nature and society. 1.4 use technological tools and other resources to locate, select and organize information. 1.5 comprehend and evaluate written, visual and oral presentations and works. 1.6 discover and evaluate patterns and relationships in information, ideas and structures. 1.7 evaluate the accuracy of information and the reliability of its sources. 1.8 organize data, information and ideas into useful forms (including charts, graphs, outlines) for analysis or presentation. 1.9 identify, analyze and compare the institutions, traditions and art forms of past and present societies. 1.10 apply acquired information, ideas and skills to different contexts as students, workers, citizens and consumers. 	<p>Students in Missouri public schools will acquire the knowledge and skills to communicate effectively within and beyond the classroom.</p> <p><i>Students will demonstrate within and integrate across all content areas the ability to:</i></p> <ul style="list-style-type: none"> 2.1 plan and make written, oral and visual presentations for a variety of purposes and audiences. 2.2 review and revise communications to improve accuracy and clarity. 2.3 exchange information, questions and ideas while recognizing the perspectives of others. 2.4 present perceptions and ideas regarding works of the arts, humanities and sciences. 2.5 perform or produce works in the fine and practical arts. 2.6 apply communication techniques to the job search and to the workplace. 2.7 use technological tools to exchange information and ideas. 	<p>Students in Missouri public schools will acquire the knowledge and skills to recognize and solve problems.</p> <p><i>Students will demonstrate within and integrate across all content areas the ability to:</i></p> <ul style="list-style-type: none"> 3.1 identify problems and define their scope and elements. 3.2 develop and apply strategies based on ways others have prevented or solved problems. 3.3 develop and apply strategies based on one's own experience in preventing or solving problems. 3.4 evaluate the processes used in recognizing and solving problems. 3.5 reason inductively from a set of specific facts and deductively from general premises. 3.6 examine problems and proposed solutions from multiple perspectives. 3.7 evaluate the extent to which a strategy addresses the problem. 3.8 assess costs, benefits and other consequences of proposed solutions. 	<p>Students in Missouri public schools will acquire the knowledge and skills to make decisions and act as responsible members of society.</p> <p><i>Students will demonstrate within and integrate across all content areas the ability to:</i></p> <ul style="list-style-type: none"> 4.1 explain reasoning and identify information used to support decisions. 4.2 understand and apply the rights and responsibilities of citizenship in Missouri and the United States. 4.3 analyze the duties and responsibilities of individuals in societies. 4.4 recognize and practice honesty and integrity in academic work and in the workplace. 4.5 develop, monitor and revise plans of action to meet deadlines and accomplish goals. 4.6 identify tasks that require a coordinated effort and work with others to complete those tasks. 4.7 identify and apply practices that preserve and enhance the safety and health of self and others.

KNOWLEDGE (CONTENT) STANDARDS

	COMMUNICATION ARTS	FINE ARTS	HEALTH/PHYSICAL EDUCATION
KNOWLEDGE (CONTENT) STANDARDS	<p><i>In Communication Arts, students in Missouri public schools will acquire a solid foundation that includes knowledge of and proficiency in:</i></p> <ul style="list-style-type: none"> CA1 speaking and writing standard English (including grammar, usage, punctuation, spelling, capitalization). CA2 reading and evaluating fiction, poetry and drama. CA3 reading and evaluating nonfiction works and material (such as biographies, newspapers, technical manuals). CA4 writing formally (such as reports, narratives, essays) and informally (such as outlines, notes). CA5 comprehending and evaluating the content and artistic aspects of oral and visual presentations (such as storytelling, debates, lectures, multimedia productions). CA6 participating in formal and informal presentations and discussions of issues and ideas. CA7 identifying and evaluating relationships between language and culture. 	<p><i>In Fine Arts, students in Missouri public schools will acquire a solid foundation that includes knowledge of:</i></p> <ul style="list-style-type: none"> FA1 process and techniques for the production, exhibition or performance of one or more of the visual or performed arts. FA2 the principles and elements of different art forms. FA3 the vocabulary to explain perceptions about and evaluations of works in dance, music, theater and visual arts. FA4 interrelationships of visual and performing arts and the relationships of the arts to other disciplines. FA5 visual and performing arts in historical and cultural contexts. 	<p><i>In Health/Physical Education, students in Missouri public schools will acquire a solid foundation that includes knowledge of:</i></p> <ul style="list-style-type: none"> HP1 structures of, functions of, and relationships among human body systems. HP2 principles and practices of physical and mental health (such as personal health habits, nutrition, stress management). HP3 diseases and methods for prevention, treatment and control. HP4 principles of movement and physical fitness. HP5 methods used to assess health, reduce risk factors, and avoid high risk behaviors (such as violence, tobacco, alcohol and other drug use). HP6 consumer health issues (such as the effects of mass media and technologies on safety and health). HP7 responses to emergency situations.
	MATHEMATICS	SCIENCE	SOCIAL STUDIES
	<p><i>In Mathematics, students in Missouri public schools will acquire a solid foundation that includes knowledge of:</i></p> <ul style="list-style-type: none"> MA1 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. MA2 geometric and spatial sense involving measurement (including length, area, volume), trigonometry, and similarity and transformations of shapes. MA3 data analysis, probability and statistics. MA4 patterns and relationships within and among functions and algebraic, geometric and trigonometric concepts. MA5 mathematical systems (including real numbers, whole numbers, integers, fractions), geometry, and number theory (including primes, factors, multiples). MA6 discrete mathematics (such as graph theory, counting techniques, matrices). 	<p><i>In Science, students in Missouri public schools will acquire a solid foundation that includes knowledge of:</i></p> <ul style="list-style-type: none"> SC1 properties and principles of matter and energy. SC2 properties and principles of force and motion. SC3 characteristics and interactions of living organisms. SC4 changes in ecosystems and interactions of organisms with their environments. SC5 processes (such as plate movement, water cycle, airflow), and interactions of Earth's biosphere, atmosphere, lithosphere, and hydrosphere. SC6 composition and structure of the universe and the motions of the objects within it. SC7 processes of scientific inquiry (such as formulating and testing hypotheses). SC8 impact of science, technology, and human activity on resources and the environment. 	<p><i>In Social Studies, students in Missouri public schools will acquire a solid foundation that includes knowledge of:</i></p> <ul style="list-style-type: none"> SS1 principles expressed in the documents shaping constitutional democracy in the United States. SS2 continuity and change in the history of Missouri, the United States and the world. SS3 principles and processes of governance systems. SS4 economic concepts (including productivity and the market system) and principles (including the laws of supply and demand). SS5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment. SS6 relationships of the individual and groups to institutions and cultural traditions. SS7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents).