



Museum of Discovery Exhibits Correlated with **Grade 5** Colorado State Social Studies, Science, and Music Standards

Exhibit/Zone	Social Studies	Science	Music
Archives	All		
Beet Shack, Home and Hearth	H1&2 G1&2 C1&2		
Bernoulli Blower		E2&3	
Bike Corner	H1&2 G2		
Big Drum			1.2a 2.1a
Biodiversity Wall	H1&2 G2	L1&2 E2	
Bison Enclosure	H1&2 G2		
Camp Collins, Diary Stories	H1&2 G2		
Color Wall and Color Mixing		L2 P1	
Down on the Ranch, Branding Irons	H1&2		
Eat, Drink and Be Merry	H1&2 G2		
Edison to ipods	H1&2 G2		
Ferret Center	G1&2		
First Peoples Wall	H1 G1&2		
Farm Stories, Sugar Beets, Las Colonias	H1&2 G1&2 C1&2		
Fort Collins Music Stories	H1&2		
Fossil Wall	H1 G1&2	E1	
Garage			1.1b 1.1c 1.2a 1.2b 1.2c 1.3a 1.3b 2.1a 2.1b 3.1a 3.3b 3.3c 4.1a 4.1b 4.2a 4.2b 4.2d 4.2e
Growth of the City Wall	H1&2 G2 E1&2 C1&2		

Exhibit/Zone	Social Studies	Science	Music
Immigration Stories	H1&2 G2 E1&2 C1&2		
Inventions and Innovations, Radio Display	H1&2		
Lindenmeyer Dig, Folsom Points	H1 G1&2		
Listening Lounge			3.2b 3.3a 3.3b 3.3c 4.1a 4.1b 4.2a 4.2b 4.2c 4.2d 4.2e
Moire Patterns		L2	
Mr. Bonz		L2	
Piano Lever	H1&2		3.3a
Radio Innovations	H1&2		
Reactable			2.1a 3.1a 3.1a 4.1a 4.1b 4.2a 4.2d 4.2e
Seed Stories	H1&2 G1&2		
Shadow Wall		P1	
Sheep Case	H1&2 G1&2		
Sounds of Music	H1&2		
Tornado Chamber		E2&3	
Washtub Bass			1.1c 3.3a 3.3c 3.3c 4.2b
Water for a Dry Land	H1&2 G1&2		
Westward Expansion, Pack Your Wagon	H1&2 G2		
Wind Tube		E2&3	
Wind Wall		E1&2	
Worlds Collide, Trappers and Native Cultures	H1&2 G2 E1&2 C1&2		

HISTORY STANDARDS ARE DENOTED AS H1, H2
 GEOGRAPHY STANDARDS ARE DENOTED AS G1, G2
 ECONOMICS STANDARDS ARE DENOTED AS E1, E2
 CIVICS STANDARDS ARE DENOTED AS C1, C2
 LIFE SCIENCE STANDARDS ARE DENOTED AS L1, L2, L3
 PHYSICAL SCIENCE STANDARDS ARE DENOTED AS P1, P2, P3

EARTH SCIENCE STANDARDS ARE DENOTED AS E1, E2, E3
 MUSIC EXPRESSION STANDARDS ARE DENOTED AS 1.
 MUSIC CREATION STANDARDS ARE DENOTED AS 2.
 MUSIC THEORY STANDARDS ARE DENOTED AS 3.
 MUSIC AESTHETICS STANDARDS ARE DENOTES AS 4.

Grade 5

Colorado State Social Studies and Science Standards

Social Studies	
History 1: H1	Analyze historical sources from multiple points of view to develop an understanding of historical context
History 2: H2	The historical eras, individuals, groups, ideas, and themes in North America from 1491 through the founding of the United States government
Geography 1: G1	Use various geographic tools and sources to answer questions about the geography of the United States
Geography 2: G2	Causes and consequences of movement
Economics 1: E1	Government and market structures influence financial institutions
Economics 2: E2	Utilizing financial institutions to manage personal finances (Personal Financial Literacy)
Civics 1: C1	The foundations of citizenship in the United States
Civics 2: C2	The origins, structure, and functions of the United States government
Science	
Life Science 1: L1	All organisms have structures and systems with separate functions
Life Science 2: L2	Human body systems have basic structures, functions, and needs
Physical Science 1: P1	Mixtures of matter can be separated regardless of how they were created; all weight and mass of the mixture are the same as the sum of weight and mass of its parts
Earth Science 1: E1	Earth and sun provide a diversity of renewable and nonrenewable resources
Earth Science 2: E2	Earth's surface changes constantly through a variety of processes and forces
Earth Science 3: E3	Weather conditions change because of the uneven heating of Earth's surface by the Sun's energy. Weather changes are measured by differences in temperature, air pressure, wind and water in the atmosphere and type of precipitation

Grade 5 Music Standards

Music	
Expression: 1.1a	Perform using 4 part vocal/instrumental rounds, using movement, and speech
Expression: 1.1b	Respond to the conductor for phrasing and dynamics
Expression: 1.1c	Demonstrate proper care of voice and instruments
Expression: 1.2a	Perform patterns: tika-ti, ti-tika, ti-ta-ti, and ties
Expression: 1.2b	Perform patterns of major scale
Expression: 1.2c	Perform I-IV-V in C, F, and G
Expression: 1.3a	Play and sing notated melodies (12-16 measures) focusing on pitch, rhythm, and expressive qualities
Expression: 1.3b	Play and sing simple melodic notation in treble clef in Major and minor keys
Creation: 2.1a	Improvise rhythmic or melodic phrase, focusing on similarities of question and answer, length of phrase, meter, mood, etc.
Creation: 2.1b	Improvise instrumentally and vocally using I-IV-V in 12 bar blues
Creation: 2.2a	Create 8 measure melody on treble staff
Creation: 2.2b	Reproduce notated 8 measure melody from teacher on treble staff
Theory: 3.1a	Apply vocabulary: largo, moderato, diminuendo, and slur when describing music
Theory: 3.1a	Apply vocabulary: largo, moderato, diminuendo, and slur when describing music
Theory: 3.1b	Demonstrate: largo, moderato, diminuendo, and slur using movement, voice, and instruments
Theory: 3.2a	Visually identify line and space notes and notate on bass clef
Theory: 3.2b	Aurally identify 12 bar blues form
Theory: 3.3a	Aurally and visually identify various world instruments
Theory: 3.3b	Aurally identify soprano, alto, tenor, and bass voices
Theory: 3.3c	Aurally identify music from various historical periods and cultures
Theory: 3.4a	Identify and notate: tika-ti, ti-tika, and ti-ta-ti and ties
Theory: 3.4b	Notate 8 beat rhythmic patterns and 4 beat melodic patterns dictated by teacher
Theory: 3.4c	Aurally and visually identify I-IV-V in C, F, G
Theory: 3.4d	Identify the position of whole and half steps in a major scale
Theory: 3.5e	Identify and demonstrate the use of accidentals (sharp, flat, natural)
Aesthetics: 4.1a	Develop and apply appropriate musical and nonmusical criteria to support personal preferences for specific musical styles and works
Aesthetics: 4.1b	Discuss difference between preference for and quality of musical works
Aesthetics: 4.2a	Identify and analyze differences in tempo and dynamics in contrasting music selections
Aesthetics: 4.2b	Explain how people in a particular culture use and respond to specific musical works from that culture
Aesthetics: 4.2c	Describe the means used to describe images or evoke feelings and emotions in musical works from various cultures
Aesthetics: 4.2d	Discuss criteria used to make evaluations of musical works and performances
Aesthetics: 4.2e	Discuss elements of performance in an observational and evaluative way, using appropriate music terminology