

COLORADO MODEL CONTENT STANDARDS FOR SCIENCE

1. Students understand the processes of scientific investigation and design, conduct, communicate about, and evaluate such investigations.

2. Physical Science: Students know and understand common properties, forms, and changes in matter and energy. (Focus: Physics and Chemistry)

2.1 Students know that matter has characteristic properties, which are related to its composition and structure.

2.2 Students know that energy appears in different forms, and can move (be transferred) and change (be transformed).

2.3 Students understand that interactions can produce changes in a system, although the total quantities of matter and energy remain unchanged.

3. Life Science: Students know and understand the characteristics and structure of living things, the processes of life, and how living things interact with each other and their environment.

3.1 Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

3.2 Students know and understand interrelationships of matter and energy in living systems.

3.3 Students know and understand how the human body functions, factors that influence its structures and functions, and how these structures and functions compare with those of other organisms.

3.4 Students know and understand how organisms change over time in terms of biological evolution and genetics.

4. Earth and Space Science: Students know and understand the processes and interactions of Earth's systems and the structure and dynamics of Earth and other objects in space. (Focus: Geology, Meteorology, Astronomy, and Oceanography)

4.1 Students know and understand the composition of Earth, its history, and the natural processes that shape it.

4.2 Students know and understand the general characteristics of the atmosphere and fundamental processes of weather.

4.3 Students know major sources of water, its uses, importance, and cyclic patterns of movement through the environment.

4.4 Students know the structure of the solar system, composition, and interactions of objects in the universe, and how space is explored.

5. Students know and understand interrelationships among science, technology, and human activity and how they can affect the world.

6. Students understand that science involves a particular way of knowing and understand common connections among scientific disciplines.

COLORADO MODEL CONTENT STANDARDS FOR READING AND WRITING

1. Students read and understand a variety of materials.

- use comprehension skills such as previewing, predicting, inferring, comparing and contrasting, re-reading and self-monitoring, summarizing, identifying the author's purpose, determining the main idea, and applying knowledge of foreshadowing, metaphor, simile, symbolism, and other figures of speech
- make connections between their reading and what they already know, and identify what they need to know about a topic before reading about it
- adjust reading strategies for different purposes such as reading carefully, idea by idea; skimming and scanning; fitting materials into an organizational pattern, such as reading a novel chronologically; finding information to support particular ideas; and finding the sequence of steps in a technical publication;
- use word recognition skills and resources such as phonics, context clues, picture clues, word origins, and word order clues; reference guides; roots, prefixes, and suffixes of words for comprehension
- use information from their reading, to increase vocabulary and enhance language usage

2. Students write and speak for a variety of purposes and audiences.

- write and speak for a variety of purposes such as telling stories, presenting analytical responses to literature, conveying technical information, explaining concepts and procedures, and persuading
- write and speak for audiences such as peers, teachers, and the community
- plan, draft, revise, proofread, and edit written communications
- use a variety of devices such as figurative language, symbolism, dialect, and precise vocabulary to convey meaning
- organize written and oral presentations using strategies such as lists, outlining, cause/effect relationships, comparison/contrast, problem/solution, and narration
- use handwriting and at the most appropriate time, word processing to produce a product that is legible

3. Students write and speak using conventional grammar, usage, sentence structure, punctuation, capitalization, and spelling.

- know and use correct grammar in speaking and writing
- apply correct usage in speaking and writing
- use correct sentence structure in writing
- demonstrate correct punctuation, capitalization, and spelling.

4. Students apply thinking skills to their reading, writing, speaking, listening, and viewing.

- make predictions, analyze, draw conclusions, and discriminate between fact and opinion in writing, reading, speaking, listening, and viewing.
- use reading, writing, speaking, listening, and viewing, to define and solve problems
- recognize, express, and defend points of view orally and in writing
- identify the purpose, perspective, and historical and cultural influences of a speaker, author, or director
- evaluate the reliability, accuracy, and relevancy of information

Model Content Standards for Reading and Writing Continued

5. Students read to locate, select, and make use of relevant information from a variety of media, reference, and technological sources.

- select relevant material for reading, writing, and speaking purposes
- understand the structure, organization, and use of various media, reference, and technological sources as they select information for their reading and writing
- paraphrase, summarize, organize, and synthesize information
- give credit for other's ideas, images, or information
- use information to produce a quality product

6. Students read and recognize literature as a record of human experience.

- know and use literary terminology
- read literature to investigate common issues and interests
- read literature to understand places, people, events, and vocabulary, both familiar and unfamiliar
- read literature that reflects the uniqueness and integrity of the American experience
- read classic and contemporary literature, representing various cultural and ethnic traditions from throughout the world
- read classic and contemporary literature of the United States about the experiences and traditions of diverse ethnic groups.

COLORADO MODEL CONTENT STANDARDS FOR MATHEMATICS

1. Students develop number sense and use numbers and number relationships in problem solving situations and communicate the reasoning used in solving these problems.

- construct and interpret number meanings through real-world experiences and use of hands-on materials
- represent and use numbers in a variety of equivalent forms (for example, fractions, decimals, percents, exponents, scientific notation)
- know the structure and properties of the real number system (for example, primes, factors, multiples, relationships among sets of numbers)
- use number sense, including estimation and mental arithmetic, to determine the reasonableness of solutions

2. Students use algebraic methods to explore, model, and describe patterns and functions involving numbers, shapes, data, and graphs in problem-solving situations and communicate the reasoning used in solving these problems.

- identify, describe, analyze, extend, and create a wide variety of patterns in numbers, shapes, and data
- describe patterns using mathematical language
- solve problems and model real-world situations using patterns and functions
- compare and contrast different types of functions
- describe the connections among representations of patterns and functions, including words, tables, graphs, and symbols

3. Students use data collections and analysis, statistics, and probability in problem-solving situations and communicate the reasoning used in solving these problems.

- solve problems by systematically collecting, organizing, describing, and analyzing data using surveys, tables, charts, and graphs
- make valid inferences, decisions, and arguments based on data analysis
- use counting techniques, experimental probability, or theoretical probability, as appropriate, to represent and solve problems involving uncertainty

4. Students use geometric concepts, properties, and relationships in problem-solving situations and communicate the reasoning used in solving these problems.

- connect various physical objects with their geometric representation
- connect mathematical concepts from across the standards with their geometric representations
- recognize, draw, describe, and analyze geometric shapes in one, two and three dimensions
- make, investigate, and test conjectures about geometric ideas
- solve problems, and model real-world situations using geometric concepts

5. Students use a variety of tools and techniques to measure, apply the results in problem-solving situations, and communicate the reasoning used in solving these problems.

- understand and apply the attributes of length, capacity, weight, mass, time, temperature, perimeter, area, volume, and angle measurement in problem-solving situations
- make and use direct and indirect measurements to describe and compare real-world phenomena
- understand the structure and use of systems of measurement
- describe and use rates of change (for example, temperature as it changes throughout the day, or speed as the rate of change of distance over time) and other derived measures
- select appropriate units, including metric and U.S. customary, and tools (for example rulers, protractors, compasses, thermometers) to measure the degree of accuracy required to solve a given problem

Model Content Standards for Mathematics Continued...

6. Students link concepts and procedures as they develop and use computational techniques, including estimation mental arithmetic, paper-and-pencil, calculators, and computers, in problem-solving situations and communicate the reasoning used in solving these problems.

- model, explain, and use the four basic operations-addition, subtraction, multiplication, and division-in problem-solving situations
- develop, use and analyze algorithms
- select and apply appropriate computational techniques to solve a variety of problems and determine whether the results are reasonable

COLORADO MODEL CONTENT STANDARDS FOR HISTORY

1. Students understand the chronological organization of history and know how to organize events and people into major eras to identify and explain historical relationships.

- 1.1 Students know the general chronological order of events and people in history.
- 1.2 Students use chronology to organize historical events and people.
- 1.3 Students use chronology to examine and explain historical relationships.

2. Students know how to use the processes and resources of historical Inquiry.

- 2.1 Students know how to formulate questions and hypotheses regarding what happened in the past and to obtain and analyze historical data to answer questions and test hypotheses.
- 2.2 Students know how to interpret and evaluate primary and secondary sources of historical information.
- 2.3 Students apply knowledge of the past to analyze present-day issues and events from multiple, historically objective perspectives.

3. Students understand that societies are diverse and have changed over time.

- 3.1 Students know how various societies were affected by contacts and exchanges among diverse peoples.
- 3.2 Students understand the history of social organization in various societies.

4. Students understand how science, technology, and economic activity have developed, changed, and affected societies throughout history.

- 4.1 Students understand the impact of scientific and technological developments on individuals and societies.
- 4.2 Students understand how economic factors have influenced historical events.
- 4.3 Students understand the historical development and know the characteristics of various economic systems.

5. Students understand the political institutions and theories that have developed and changed over time.

- 5.1 Students understand how democratic ideas and institutions in the United States have developed, changed, and/or been maintained.
- 5.2 Students know how various systems of government have developed and functioned throughout history.
- 5.3 Students know how political power has been acquired, maintained, used, and/or lost throughout history.
- 5.4 Students know the history of relationships among different political powers and the development of international relations.

6. Students know that religious and philosophical ideas have been powerful forces throughout history.

- 6.1 Students know the historical development of religious and philosophies.
- 6.2 Students know how societies have been affected by religious and philosophies.
- 6.3 Students know how various forms of expression reflect religious beliefs and philosophical ideas.

COLORADO MODEL CONTENT STANDARDS FOR GEOGRAPHY

1. Students know how to use and construct maps, globes, and other geographic tools to locate and derive information about people, places, and environments.

- 1.1 Students know how to use maps, globes, and other geographic tools to acquire, process, and report information from a spatial perspective.
- 1.2 Students develop knowledge of earth to locate people, places, and environments.
- 1.3 Students know how to analyze the dynamic spatial organization of people, places, and environments.

2. Students know the physical and human characteristics of places, and use this knowledge to define and study regions and their patterns of change.

- 2.1 Students know the physical and human characteristics of places.
- 2.2 Students know how and why people define regions.
- 2.3 Students know the characteristics and distributions of physical systems of land, air, water, plants and animals.

4. Students understand how economic, political, cultural, and social processes interact to shape patterns of human populations, interdependence, cooperation, and conflict.

- 4.1 Students know the characteristics, location, distribution, and migration of human populations.
- 4.2 Students know the natural and spatial distribution of cultural patterns.
- 4.3 Students know the patterns and networks of economic interdependence.
- 4.4 Students know the processes, patterns, and functions of human settlement.
- 4.5 Students know how cooperation and conflict among people influence the division and control of Firth's surface.

5. Students understand the effects of interactions between human and physical systems, and the changes in meaning, use, distribution, and importance of resources.

- 5.1 Students know how human actions modify the physical environment.
- 5.2 Students know how physical systems affect human systems.
- 5.3 Students know the changes that occur in the meaning, use, location, distribution, and importance of resources.

6. Students apply knowledge of people, places, and environments to understand the past and present and to plan for the future.

- 6.1 Students know how to apply geography to understand the past.
- 6.2 Students know how to apply geography to understand the present and plan for the future.

Fascinating Fossils

The following activities have been correlated with the Colorado Model Content Standards for Geography, History, Science, Math and Reading and Writing. While the activities may be modified to address standards other than those identified, as well as grade levels other than 4th grade, the correlated standards are addressed in the activities as they are written.

Classroom Activities

Grow a Crystal

Colorado Model Content Standards

Science (1) Students understand the processes of scientific investigation and design, conduct, communicate about, and evaluate such investigations.

Science (3.4) Students know and understand how organisms change over time in terms of biological evolution and genetics.

Science (4.1) Students know and understand the composition of the Earth, its history, and the natural processes that shape it.

Make a Fossil

Colorado Model Content Standards

Science (1) Students understand the processes of scientific investigation and design, conduct, communicate about, and evaluate such investigations.

Science (3.4) Students know and understand how organisms change over time in terms of biological evolution and genetics.

Science (4.1) Students know and understand the composition of the Earth, its history, and the natural processes that shape it.

When in the World

Colorado Model Content Standards

Mathematics (1) Students develop number sense and use numbers and number relationships in problem solving situations and communicate the reasoning used in solving these problems.

Mathematics (5) Students use a variety of tools and techniques to measure, apply the results in problemsolving situations, and communicate the reasoning used in solving these problems.

Science (1) Students understand the processes of scientific investigation and design, conduct, communicate about, and evaluate such investigations.

Science (3.4) Students know and understand how organisms change over time in terms of biological evolution and genetics.

Science (4.1) Students know and understand the composition of the Earth, its history, and the natural processes that shape it.

Fascinating Fossils

Slide Show

Fascinating Fossils

Colorado Model Content Standards

[Science \(3.4\)](#) Students know and understand how organisms change over time in terms of biological evolution and genetics.

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

[Science \(6\)](#) Students understand that science involves a particular way of knowing and understand common

Fascinating Fossils

Our Fossils

Colorado Model Content Standards

Geography (1.1) Students know how to use maps, globes, and other geographic tools to acquire, process, and report information from a spatial perspective.

Geography (1.2) Students develop knowledge of Earth to locate people, places, and environments.

Geography (3.1) Students know the physical processes that shape Earth's surface patterns.

Geography (3.2) Students know the characteristics and distributions of physical systems of land, air, water, plants, and animals.

Geography (6.1) Students know how to apply geography to understand the past.

Geography (6.2) Students know how to apply geography to understand the present and plan for the future.

Science (3.1) Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

Science (3.4) Students know and understand how organisms change over time in terms of biological evolution and genetics.

Science (4.1) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Outdoor Activities

How We Perceive Time

Colorado Model Content Standards

Science (4.1) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

The Ancient Treasures Hunt

Colorado Model Content Standards

Geography (1.1) Students know how to use maps, globes, and other geographic tools to acquire, process, and report information from a spatial perspective.

Mathematics (1) Students develop number sense and use numbers and number relationships in problem solving situations and communicate the reasoning used in solving these problems.

Science (3.4) Students know and understand how organisms change over time in terms of biological evolution and genetics.

Science (4.1) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Teaching Paleontology

Activities Cross Referenced to the Colorado Model Content Standards

Fascinating Fossils

Science

1 Students understand the processes of scientific investigation and design, conduct, communicate about, and evaluate such investigations.

Activity	Page
Grow a Crystal.....	10
Make a Fossil	12
When in the World	14

3.1 Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

Activity	Page
Our Fossils.....	17

3.4 Students know and understand how organisms change over time in terms of biological evolution and genetics.

Activity	Page
Grow a Crystal	10
Make a Fossil	12
When in the World	14
Our Fossils	17
The Ancient Treasures Hunt.....	19
Slide Show	23

4.1 Students know and understand the composition of the Earth, its history, and the natural processes that shape it.

Activity	Page
Grow a Crystal	10
Make a Fossil	12
When in the World	14
Our Fossils	17
How We Perceive Time	18
The Ancient Treasures Hunt	19
Slide Show	23

6 Students understand that science involves a particular way of knowing and understand common connections among scientific disciplines.

Activity	Page
Slide Show	23

Teaching Paleontology

Activities Cross Referenced to Colorado Model Content Standards Fascinating Fossils Continued

Mathematics

1 Students develop number sense and use numbers and number relationships in problem solving situations and communicate the reasoning used in solving these problems.

Activity	Page
When in the World	14
The Ancient Treasures Hunt	19

Geography

1.1 Students know how to use maps, globes, and other geographic tools to acquire, process, and report information from a spatial perspective.

Activity	Page
Our Fossils	17
The Ancient Treasures Hunt	19

1.2 Students develop knowledge of Earth to locate people, places, and environments.

Activity	Page
Our Fossils	17

3.1 Students know the physical processes that shape Earth's surface patterns.

Activity	Page
Our Fossils	17

3.2 Students know the characteristics and distributions of physical systems of land, air, water, plants, and animals.

Activity	Page
Our Fossils	17

6.1 Students know how to apply geography to understand the past.

Activity	Page
Our Fossils	17

6.2 Students know how to apply geography to understand the present and plan for the future.

Activity	Page
Our Fossils	17

Putting Together the Pieces

The following activities have been correlated with the Colorado Model Content Standards for Geography, History, Science, Math, and Reading and Writing. While the activities may be modified to address standards other than those identified, as well as grade levels other than 5th grade, the standards identified are addressed in the activities as they are written.

Classroom Activities

Keys to the Past

Colorado Model Content Standards

[Science \(3.4\)](#) Students know and understand how organisms change over time in terms of biological evolution and genetics.

[Science \(6\)](#) Students understand that science involves a particular way of knowing and understand common connections among scientific disciplines.

Distant Relatives

Colorado Model Content Standards

[Science \(3.4\)](#) Students know and understand how organisms change over time in terms of biological evolution and genetics.

[Science \(4.1\)](#) Students know and understand the composition of the Earth, its history, and the natural processes that shape it.

Make a Diorama

Colorado Model Content Standards

[Reading and Writing \(5\)](#) Students read to locate, select, and make use of relevant information from a variety of media, reference, and technological sources.

[Science \(3.1\)](#) Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

[Science \(3.4\)](#) Students know and understand how organisms change over time in terms of biological evolution and genetics.

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Pollen Analysis

Colorado Model Content Standards

[Reading and Writing \(5\)](#) Students read to locate, select, and make use of relevant information from a variety of media, reference, and technological sources.

[Science \(3.1\)](#) Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and With their environent.

[Science \(3.4\)](#) Students know and understand how organisms change over time in terms of biological evolution and genetics.

Putting Together the Pieces

Outdoor Activities

Food Chain Game

Colorado Model Content Standards

[Science \(3.1\)](#) Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

[Science \(3.2\)](#) Students know and understand interrelationships of matter and energy in living systems.

[Science \(3.4\)](#) Students know and understand how organisms change over time in terms of biological evolution and genetics.

Adaptation Game

Colorado Model Content Standards

[Science \(3.1\)](#) Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

[Science \(3.4\)](#) Students know and understand how organisms change over time in terms of biological evolution and genetics.

Slide Show

Colorado Model Content Standards

[Science \(1\)](#) Students understand the processes of scientific investigation and design, conduct, communicate about and evaluate such investigations.

[Science \(3.1\)](#) Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

[Science \(3.4\)](#) Students know and understand how organisms change over time in terms of biological evolution and genetics.

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

[Science \(5\)](#) Students know and understand interrelationships among science, technology and human activity and how they can affect the world.

[Science \(6\)](#) Students understand that science involves a particular way of knowing and understand common connections among scientific disciplines.

Teaching Paleontology

Activities Cross Referenced to the Colorado Model Content Standards

Putting Together the Pieces

Science

1. Students understand the processes of scientific investigation and design, conduct, communicate about and evaluate such investigations.

Activity	Page
Slide Show	57

3.1 Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

Activity	Page
Make a Diorama	46
Pollen Analysis	48
Food Chain Game	52
Adaptation Game	54
Slide Show.....	57

3.2 Students know and understand interrelationships of matter and energy in living systems.

Activity	Page
Food Chain Game.....	52

3.4 Students know and understand how organisms change over time in terms of biological evolution and genetics.

Activity	Page
Keys to the Past.....	37
Distant Relatives	41
Make a Diorama	46
Pollen Analysis	48
Food Chain Game	52
Adaptation Game	54
Slide Show.....	57

4.1 Students know and understand the composition of the Earth, its history, and the natural processes that shape it.

Activity	Page
Distant Relatives	41
Make a Diorama	46
Slide Show.....	57

Teaching Paleontology

Activities Cross Referenced to Colorado Model Content Standards Putting Together the Pieces Continued

5. Students know and understand interrelationships among science, technology and human activity and how they can affect the world.

Activity	Page
Slide Show	57

6. Students understand that science involves a particular way of knowing and understand common connections among scientific disciplines.

Activity	Page
Slide Show	57

Reading and Writing,

5. Students read to locate, select, and make use of relevant information from a variety of media, reference, and technological sources.

Activity	Page
Make a Diorama	46
Pollen Analysis	48

Our Changing Earth

The following activities have been correlated with the Colorado Model Content Standards for Geography, History, Science, Math, and Reading and Writing. While the activities may be modified to address standards other than those identified, as well as grade levels other than 6th grade, the standards identified are addressed in the activities as they are written.

Classroom Activities

Model of the Earth

Colorado Model Content Standards

[Mathematics \(4\)](#) Students use geometric concepts, properties, and relationships in problem-solving situations and communicate the reasoning used in solving these problems.

[Mathematics \(5\)](#) Students use a variety of tools and techniques to measure, apply the results in problemsolving situations, and communicate the reasoning used in solving these problems.

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Old Neighbors

Colorado Model Content Standards

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Pangea's Path

Colorado Model Content Standards

[Geography \(1.1\)](#) Students know how to use maps, globes, and other geographic tools to acquire, process, and report information from a spatial perspective.

[Geography \(1.2\)](#) Students develop knowledge of Earth to locate people, places, and environments.

[Mathematics \(5\)](#) Students use a variety of tools and techniques to measure, apply the results in problemsolving situations, and communicate the reasoning used in solving these problems.

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

When World's Collide

Colorado Model Content Standards

[Geography \(1.1\)](#) Students know how to use maps, globes, and other geographic tools to acquire, process, and report information from a spatial perspective.

[Geography \(1.2\)](#) Students develop knowledge of Earth to locate people, places, and environments.

[Geography \(3.1\)](#) Students know the physical processes that shape Earth's surface patterns.

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Our Changing Earth

Making Mountains

Colorado Model Content Standards

[Geography \(3.1\)](#) Students know the physical processes that shape Earth's surface patterns.

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Exploring Ethics

Colorado Model Content Standards

[Geography \(5.3\)](#) Students know the changes that occur in the meaning, use location, distribution, and importance of resources.

[Geography \(6.1\)](#) Students know how to apply geography to understand the past.

[Geography \(6.2\)](#) Students know how to apply geography to understand the present and plan for the future.

Outdoor Activities

Dance of the Continents

Colorado Model Content Standards

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Slide Show

Colorado Model Content Standards

[Geography \(3.1\)](#) Students know the physical processes that shape Earth's surface patterns.

[Geography \(5.3\)](#) Students know the changes that occur in the meaning, use, location, distribution, and importance of resources.

[Geography \(6.2\)](#) Students know how to apply geography to understand the present and plan for the future.

[Science \(3.1\)](#) Students know and understand the characteristics of living things, the diversity of life, and how living things interact with each other and with their environment.

[Science \(4.1\)](#) Students know and understand the composition of Earth, its history, and the natural processes that shape it.

Teaching Paleontology

Activities Cross Referenced to Colorado Model Content Standards

Our Changing Earth

Science

3.1 Students know and understand the characteristics of living things, the diversity of life; and how living things interact with each other and with their environment.

Activity	Page
Slide Show.....	89

4.1 Students know and understand the composition of the Earth, its history, and the natural processes that shape it.

Activity	Page
Model of the Earth	76
Old Neighbors	78
Pangea's Path	80
When World's Collide	82
Making Mountains	84
Dance of the Continents	88
Slide Show	89

Geography

1.1 Students know how to use maps, globes, and other geographic tools to acquire, process, and report information from a spatial perspective.

Activity	Page
Pangea s Path	80
When World's Collide	82

1.2 Students develop knowledge of Earth to locate people, places, and environments.

Activity	Page
Pangea s Path	80
When World's Collide	82

3.1 Students know the physical processes that shape Earth's surface patterns.

Activity	Page
When World's Collide	82
Making Mountains	84
Slide Show	89

Teaching Paleontology

Activities Cross Referenced to Colorado Model Content Standards Our Changing Earth Continued

5.3 Students know the changes that occur in the meaning, use, location, distribution, and importance of resources.

Activity	Page
Exploring Ethics	86
Slide Show	89

6.1 Students know how to apply geography to understand the past.

Activity	Page
Exploring Ethics	86

6.2 Students know how to apply geography to understand the present and plan for the future.

Activity	Page
Exploring Ethics	86
Slide Show	89

Mathematics

4. Students use geometric concepts, properties, and relationships in problem-solving situations and communicate the reasoning used in solving these problems.

Activity	Page
Model of the Earth	76
Pangea's Path	80