

Main Criteria: Pennsylvania Core and Academic Standards

Secondary Criteria: Social Studies Online

Subjects: Science, Social Studies

Grade: 5

Correlation Options: Show Correlated

Pennsylvania Core and Academic Standards

Science

Grade: 5 - Adopted: 2010

SUBJECT / STANDARD AREA	PA.SI.	Science as Inquiry
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STANDARD AREA / STATEMENT	SI.7.	Analyze alternative explanations and understanding that science advances through legitimate skepticism. <u>Social Studies Online</u> Galapagos Islands National Parks - Wyoming, Utah
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SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.1.	Biological Sciences
STANDARD	3.1.A.	Organisms and Cells

DESCRIPTOR / STANDARD	3.1.5.A3.	Compare and contrast the similarities and differences in life cycles of different organisms. <u>Social Studies Online</u> Galapagos Islands Grade 4 - West Region Geography How Coral Reefs Are Formed
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SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.1.	Biological Sciences
STANDARD	3.1.C.	Evolution

DESCRIPTOR / STANDARD	3.1.5.C1.	Describe how organisms meet some of their needs in an environment by using behaviors (patterns of activities) in response to information (stimuli) received from the environment.
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Social Studies Online
African Safari
Amazon Rainforest - Grades 2-5
Amazon Rainforest - Grades 6-8
Canada: Coast to Coast
Galapagos Islands
Grade 4 - Southwest Region Early Beginnings
Grade 4 - West Region Geography
How Coral Reefs Are Formed
National Parks - Alaska & Hawaii
National Parks - Nevada, California
The Sahara Desert
Who Lives On a Coral Reef?

SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.3.	Earth and Space Sciences
STANDARD	3.3.A.	Earth Structure, Processes and Cycles

DESCRIPTOR / STANDARD 3.3.5.A1. Describe how landforms are the result of a combination of destructive forces such as erosion and constructive erosion, deposition of sediment, etc.

Social Studies Online

Galapagos Islands

Grade 4 - Midwest Region Today

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Landforms

National Parks - Alaska & Hawaii

National Parks - Washington, Oregon, Idaho, Montana, Colorado

National Parks - Wyoming, Utah

DESCRIPTOR / STANDARD 3.3.5.A2. Describe the usefulness of Earth's physical resources as raw materials for the human made world.

Social Studies Online

Canada: Coast to Coast

Canada: Our Northern Neighbor

Galapagos Islands

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Northeast

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Geography

Grade 4 - West Region Today

National Parks - Alaska & Hawaii

The Sahara Desert

DESCRIPTOR / STANDARD 3.3.5.A5a Differentiate between weather and climate.

Social Studies Online

Amazon Rainforest - Grades 2-5

Amazon Rainforest - Grades 6-8

Canada: Coast to Coast

Canada: Our Northern Neighbor

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Northeast

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Geography

National Parks - Nevada, California

The Sahara Desert

SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.4.	Technology and Engineering Education
STANDARD	3.4.A.	The Scope of Technology

DESCRIPTOR / STANDARD	3.4.5.A1.	Explain how people use tools and techniques to help them do things. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8
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DESCRIPTOR / STANDARD	3.4.5.A3.	Describe how technologies are often combined. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8
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SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.4.	Technology and Engineering Education
STANDARD	3.4.B.	Technology and Society

DESCRIPTOR / STANDARD	3.4.5.B1.	Explain how the use of technology can have unintended consequences. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southwest Region Today Grade 4 - West Region Early Beginnings Grade 4 - West Region Today National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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DESCRIPTOR / STANDARD	3.4.5.B2.	Describe how waste may be appropriately recycled or disposed of to prevent unnecessary harm to the environment. <u>Social Studies Online</u> Who Lives On a Coral Reef?
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DESCRIPTOR / STANDARD	3.4.5.B4.	Identify how the way people live and work has changed history in terms of technology. <u>Social Studies Online</u> Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Early Beginnings
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SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.4.	Technology and Engineering Education
STANDARD	3.4.C.	Technology and Engineering Design

DESCRIPTOR / STANDARD	3.4.5.C3.	Identify how invention and innovation are creative ways to turn ideas into real things. <u>Social Studies Online</u> Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Early Beginnings
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SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.4.	Technology and Engineering Education
STANDARD	3.4.D.	Abilities for a Technological World

DESCRIPTOR / STANDARD	3.4.5.D3.	Determine if the human use of a product or system creates positive or negative results. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southwest Region Today Grade 4 - West Region Early Beginnings Grade 4 - West Region Today National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.4.	Technology and Engineering Education
STANDARD	3.4.E.	The Designed World

DESCRIPTOR / STANDARD	3.4.5.E2.	Understand that there are many different tools necessary to maintain an ecosystem, whether natural or manmade. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Grade 4 - West Region Today National Parks - Nevada, California
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DESCRIPTOR / STANDARD	3.4.5.E3.	Explain how tools, machines, products, and systems use energy in order to do work. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Grade 4 - Northeast Grade 4 - West Region Today
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DESCRIPTOR / STANDARD	3.4.5.E5.	Examine reasons why a transportation system may lose efficiency or fail (e.g., one part is missing or malfunctioning or if a subsystem is not working).
		Social Studies Online Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Early Beginnings Grade 4 - West Region Today

DESCRIPTOR / STANDARD	3.4.5.E6.	Examine how manufacturing technologies have become an integral part of the engineered world.
		Social Studies Online Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Today

SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.1.	Ecology

STANDARD	4.1.5.A.	Describe the roles of producers, consumers, and decomposers within a local ecosystem.
		Social Studies Online Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8

STANDARD	4.1.5.C.	Describe different food webs including a food web containing humans.
		Social Studies Online Galapagos Islands Who Lives On a Coral Reef?

STANDARD	4.1.5.D.	Explain the differences between threatened, endangered, and extinct organisms.
		Social Studies Online Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands National Parks - Alaska & Hawaii The Sahara Desert

SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.2.	Watersheds and Wetlands

STANDARD	4.2.5.C.	Identify physical, chemical, and biological factors that affect water quality.
		Social Studies Online Who Lives On a Coral Reef?

SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.4.	Agriculture and Society

STANDARD	4.4.5.A.	Explain why animal production is dependent upon plant production.
		Social Studies Online Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8

STANDARD	4.4.5.C.	Investigate the factors influencing plant and animal growth. (e.g., soil, water, nutrients, and light)
		Social Studies Online How Coral Reefs Are Formed

SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.5.	Humans and the Environment

STANDARD	4.5.5.C.	Explain the difference between point and non-point source pollution.
		Social Studies Online Who Lives On a Coral Reef?

Pennsylvania Core and Academic Standards
Social Studies
Grade: **5** - Adopted: **2009**

SUBJECT / STANDARD AREA	PA.5.5.	Civics and Government
STANDARD AREA / STATEMENT	5.1.5.	Principles and Documents of Government
STANDARD		Laws and Government

DESCRIPTOR / STANDARD	5.1.5.B.	Describe the basic purposes of government in the classroom, school, community, state, and nation.
		Social Studies Online Barcelona

SUBJECT / STANDARD AREA	PA.5.5.	Civics and Government
STANDARD AREA / STATEMENT	5.1.5.	Principles and Documents of Government
STANDARD		Documents and Ideals that Shape Pennsylvania and US Government

DESCRIPTOR / STANDARD	5.1.5.D.	Interpret key ideas about government found in significant documents:
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DESCRIPTOR 5.1.5.D.1. Declaration of Independence

[Social Studies Online](#)
[Grade 4 - Northeast](#)

SUBJECT / STANDARD AREA	PA.5.5.	Civics and Government
STANDARD AREA / STATEMENT	5.1.5.	Principles and Documents of Government
STANDARD		Symbols

DESCRIPTOR / STANDARD 5.1.5.F. Explain the significance of state symbols, national symbols, and national holidays.

[Social Studies Online](#)
[Exploring Cuba](#)
[Grade 4 - Southwest Region Today](#)
[Grade 4 - West Region Today](#)
[Washington, DC - Grades K - 5](#)

SUBJECT / STANDARD AREA	PA.5.5.	Civics and Government
STANDARD AREA / STATEMENT	5.4.5.	How International Relationships Function
STANDARD		Tools of Foreign Policy

DESCRIPTOR / STANDARD 5.4.5.B. Describe the difference between nation and country.

[Social Studies Online](#)
[Canada: Coast to Coast](#)
[Canada: Our Northern Neighbor](#)

SUBJECT / STANDARD AREA	PA.6.5.	Economics
STANDARD AREA / STATEMENT	6.4.5.	Economic Interdependence
STANDARD		Trade

DESCRIPTOR / STANDARD 6.4.5.B. Explain the growth in international trade.

[Social Studies Online](#)
[Exploring Cuba](#)

SUBJECT / STANDARD AREA	PA.7.5.	Geography
STANDARD AREA / STATEMENT	7.1.5.	Basic Geographic Literacy
STANDARD		Geographic Tools

DESCRIPTOR / STANDARD	7.1.5.A.	Describe how common geographic tools are used to organize and interpret information about people, places, and environment.
		Social Studies Online African Safari Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today Grade 4 - West Region Geography Grade 4 - West Region Today How Coral Reefs Are Formed London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades K - 5 The Sahara Desert Tokyo - City of Contrasts Who Lives On a Coral Reef?

SUBJECT / STANDARD AREA	PA.7.5.	Geography
STANDARD AREA / STATEMENT	7.1.5.	Basic Geographic Literacy
STANDARD		Location of Places and Regions

DESCRIPTOR / STANDARD	7.1.5.B.	Describe and locate places and regions as defined by physical and human features. <u>Social Studies Online</u> African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Landforms Grade 4 - West Region Today London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades K - 5 The Sahara Desert Tokyo - City of Contrasts
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SUBJECT / STANDARD AREA	PA.7.5.	Geography
STANDARD AREA / STATEMENT	7.2.5.	Physical Characteristics of Places and Regions
STANDARD		Physical Characteristics

DESCRIPTOR / STANDARD	7.2.5.A.	Describe the characteristics of places and regions. <u>Social Studies Online</u> African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Landforms Grade 4 - West Region Today London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades K - 5 The Sahara Desert Tokyo - City of Contrasts
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SUBJECT / STANDARD AREA	PA.7.5.	Geography
STANDARD AREA / STATEMENT	7.2.5.	Physical Characteristics of Places and Regions
STANDARD		Physical Processes

DESCRIPTOR /
STANDARD

7.2.5.B. Identify the basic physical processes that affect the physical characteristics of places and regions.

Social Studies Online
Grade 4 - Northeast
Grade 4 - Southwest Region Early Beginnings
Grade 4 - West Region Geography
Grade 4 - West Region Landforms
National Parks - Alaska & Hawaii

SUBJECT / STANDARD AREA	PA.7.5.	Geography
STANDARD AREA / STATEMENT	7.3.5.	Human Characteristics of Places and Regions
STANDARD		Human Characteristics

DESCRIPTOR /
STANDARD

7.3.5.A. Identify the human characteristics of places and regions using the following criteria:

DESCRIPTOR	7.3.5.A.1.	Population
		Social Studies Online Canada: Our Northern Neighbor Grade 4 - Northeast

DESCRIPTOR	7.3.5.A.2.	Culture
		Social Studies Online Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Early Beginnings

DESCRIPTOR	7.3.5.A.3.	Settlement
		Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast

DESCRIPTOR	7.3.5.A.4.	Economic activities
		Social Studies Online Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography

SUBJECT / STANDARD AREA	PA.7.5.	Geography
STANDARD AREA / STATEMENT	7.4.5.	Interactions Between People and the Environment
STANDARD		Impact of Physical Systems on People

DESCRIPTOR / STANDARD	7.4.5.A.	Describe and explain the effects of the physical systems on people within regions.
		Social Studies Online Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography

SUBJECT / STANDARD AREA	PA.7.5.	Geography
STANDARD AREA / STATEMENT	7.4.5.	Interactions Between People and the Environment
STANDARD		Impact of People on Physical Systems

DESCRIPTOR / STANDARD	7.4.5.B.	Identify the effect of people on the physical systems within a community. Social Studies Online Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8
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SUBJECT / STANDARD AREA	PA.8.5.	History
STANDARD AREA / STATEMENT	8.1.5.	Historical Analysis and Skills Development
STANDARD		Fact/Opinion and Points of View

DESCRIPTOR / STANDARD	8.1.5.B.	Classify and analyze fact and opinion from multiple points of view, and secondary sources as related to historical events. Social Studies Online Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography
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SUBJECT / STANDARD AREA	PA.8.5.	History
STANDARD AREA / STATEMENT	8.2.5.	Pennsylvania History
STANDARD		Historical Documents, Artifacts, and Places (PA)

DESCRIPTOR / STANDARD	8.2.5.B.	Illustrate concepts and knowledge of historical documents, artifacts, and places critical to Pennsylvania history. Social Studies Online Grade 4 - Northeast
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SUBJECT / STANDARD AREA	PA.8.5.	History
STANDARD AREA / STATEMENT	8.3.5.	United States History
STANDARD		Contributions of Individuals and Groups (US History)

DESCRIPTOR / STANDARD	8.3.5.A.	Compare and contrast common characteristics of the social, political, cultural and economic groups in United States history. Social Studies Online Grade 4 - Northeast National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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SUBJECT / STANDARD AREA	PA.8.5.	History
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STANDARD AREA / STATEMENT	8.3.5.	United States History
STANDARD		Historical Documents and Artifacts (US History)

DESCRIPTOR / STANDARD 8.3.5.B. Illustrate concepts and knowledge of historical documents, artifacts, and places critical to United States history.

[Social Studies Online](#)
Grade 4 - Northeast

SUBJECT / STANDARD AREA	PA.8.5.	History
STANDARD AREA / STATEMENT	8.3.5.	United States History
STANDARD		Impact of Continuity and Change on US History
DESCRIPTOR / STANDARD	8.3.5.C.	Differentiate how continuity and change in U.S. history are formed and operate.

DESCRIPTOR 8.3.5.C.2. Commerce and industry

[Social Studies Online](#)
Grade 4 - Northeast
Grade 4 - Southeast Region of the U.S.
Grade 4 - West Region Geography

DESCRIPTOR 8.3.5.C.4. Politics and government

[Social Studies Online](#)
Washington, DC - Grades K - 5

DESCRIPTOR 8.3.5.C.5. Physical and human geography

[Social Studies Online](#)
Grade 4 - Midwest Region Early Beginnings
Grade 4 - Midwest Region Today
Grade 4 - Northeast
Grade 4 - Southeast Region of the U.S.
Grade 4 - Southwest Region Early Beginnings
Grade 4 - Southwest Region Today
Grade 4 - West Region Early Beginnings
Grade 4 - West Region Geography
Grade 4 - West Region Landforms
Grade 4 - West Region Today
National Parks - Alaska & Hawaii
National Parks - Nevada, California
National Parks - Washington, Oregon, Idaho, Montana, Colorado
National Parks - Wyoming, Utah
Washington, DC - Grades K - 5

SUBJECT / STANDARD AREA	PA.8.5.	History
STANDARD AREA / STATEMENT	8.4.5.	World History
STANDARD		Historical Documents, Artifacts, and Sites (World)

DESCRIPTOR / STANDARD	8.4.5.B.	Illustrate concepts and knowledge of historical documents, artifacts, and sites, which are critical to World history.
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Social Studies Online

Ancient China - Qin & Han Dynasties