

Main Criteria: Minnesota Academic Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 1

Correlation Options: Show Correlated

Minnesota Academic Standards

Science

Grade: 1 - Adopted: 2019

CONTENT STANDARD / DOMAIN	2	Looking at data and empirical evidence to understand phenomena or solve problems
PERFORMANCE INDICATOR / DOMAIN COMPONENT	2.2.	Using mathematics and computational thinking
INDICATORS OF PROGRESS / STRAND	2.2.1.	Students will be able to use mathematics to represent physical variables and their relationships; compare mathematical expressions to the real world; and engage in computational thinking as they use or develop algorithms to describe the natural or designed worlds.
INDICATORS OF PROGRESS		Earth and Space Science

INDICATOR 1E.2.2.1.1 Use quantitative data to identify and describe patterns in the amount of time it takes for Earth processes to occur and determine whether they occur quickly or slowly. (P: 5, CC: 7, CI: ESS1)

Virtual Field Trips

Grade 2 - Land and Water Around Us

CONTENT STANDARD / DOMAIN	3	Developing possible explanations of phenomena or designing solutions to engineering problems
PERFORMANCE INDICATOR / DOMAIN COMPONENT	3.1.	Developing and using models
INDICATORS OF PROGRESS / STRAND	3.1.1.	Students will be able to develop, revise, and use models to represent the students' understanding of phenomena or systems as they develop questions, predictions and/or explanations, and communicate ideas to others.
INDICATORS OF PROGRESS		Life Science

INDICATOR 1L.3.1.1.1 Develop a simple model based on evidence to represent how plants or animals use their external parts to help them survive, grow, and meet their needs. (P: 2, CC: 6, CI: LS1)

Virtual Field Trips

Grade 2 - Land and Water Around Us

CONTENT STANDARD / DOMAIN	3	Developing possible explanations of phenomena or designing solutions to engineering problems
PERFORMANCE INDICATOR / DOMAIN COMPONENT	3.2.	Constructing explanations and designing solutions
INDICATORS OF PROGRESS / STRAND	3.2.2.	Students will be able to use their understanding of scientific principles and the engineering design process to design solutions that meet established criteria and constraints.*
INDICATORS OF PROGRESS		Life Science

INDICATOR	1L.3.2.2.2	Plan and design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs. (P: 6, CC: 6, CI: LS1, ETS2)
		<u>Virtual Field Trips</u> Grade 2 - Land and Water Around Us
CONTENT STANDARD / DOMAIN	4	Communicating reasons, arguments and ideas to others
PERFORMANCE INDICATOR / DOMAIN COMPONENT	4.1.	Engaging in argument from evidence
INDICATORS OF PROGRESS / STRAND	4.1.1.	Students will be able to engage in argument from evidence for the explanations the students construct, defend and revise their interpretations when presented with new evidence, critically evaluate the scientific arguments of others, and present counterarguments.
INDICATORS OF PROGRESS		Earth and Space Science

INDICATOR 1E.4.1.1.1 Construct an argument based on observational evidence for how plants and animals (including humans) can change the non-living aspects of the environment to meet their needs. (P: 7, CC: 4, CI: ESS2)

Virtual Field Trips
 Grade 1 - Life Long Ago
 Grade 1 - The Earth Around Us
 Grade 2 - Land and Water Around Us

CONTENT STANDARD / DOMAIN	4	Communicating reasons, arguments and ideas to others
PERFORMANCE INDICATOR / DOMAIN COMPONENT	4.2.	Obtaining, evaluating and communicating information
INDICATORS OF PROGRESS / STRAND	4.2.1.	Students will be able to read and interpret multiple sources to obtain information, evaluate the merit and validity of claims and design solutions, and communicate information, ideas, and evidence in a variety of formats.
INDICATORS OF PROGRESS		Earth and Space Science

INDICATOR 1E.4.2.1.1 Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. (P: 8, CC: 4, CI: ESS3)

Virtual Field Trips
 Grade 1 - The Earth Around Us
 Grade 2 - Land and Water Around Us

CONTENT STANDARD / DOMAIN	4	Communicating reasons, arguments and ideas to others
PERFORMANCE INDICATOR / DOMAIN COMPONENT	4.2.	Obtaining, evaluating and communicating information
INDICATORS OF PROGRESS / STRAND	4.2.2.	Students will be able to gather information about and communicate the methods that are used by various cultures, especially those of Minnesota American Indian Tribes and communities, to develop explanations of phenomena and design solutions to problems.

INDICATORS OF PROGRESS		Physical Science
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INDICATOR	1P.4.2.2.1	Communicate solutions that use materials to provide shelter, food, or warmth needs for communities including Minnesota American Indian Tribes and communities. (P: 8, CC: 2, CI: PS1, ETS2)
		Virtual Field Trips
		Grade 1 - The Earth Around Us
		Grade 2 - Land and Water Around Us

Minnesota Academic Standards
Social Studies
Grade: 1 - Adopted: 2012

CONTENT STANDARD / DOMAIN	MN.1.	Grade One: Foundations of Social Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	1.1.	Citizenship and Government
INDICATORS OF PROGRESS / STRAND	1.1.1.	Civic Skills
INDICATORS OF PROGRESS	1.1.1.1.	Democratic government depends on informed and engaged citizens who exhibit civic skills and values, practice civic discourse, vote and participate in elections, apply inquiry and analysis skills and take action to solve problems and shape public policy.

INDICATOR	1.1.1.1.1.	Demonstrate ways good citizens participate in the civic life of their community; explain why participation is important.
		Virtual Field Trips
		Grade 1 - Let's Learn About the Government
		Grade 2 - Our Government At Work

CONTENT STANDARD / DOMAIN	MN.1.	Grade One: Foundations of Social Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	1.2.	Economics
INDICATORS OF PROGRESS / STRAND	1.2.3.	Fundamental Concepts
INDICATORS OF PROGRESS	1.2.3.3.	Because of scarcity individuals, organizations and governments must evaluate trade-offs, make choices and incur opportunity costs.

INDICATOR	1.2.3.3.1.	Define scarcity as not having enough of something to satisfy everyone's wants; give examples.
		Virtual Field Trips
		Grade 2 - Work and Money

CONTENT STANDARD / DOMAIN	MN.1.	Grade One: Foundations of Social Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	1.2.	Economics

INDICATORS OF PROGRESS / STRAND	1.3.4.	Microeconomic Concepts
INDICATORS OF PROGRESS	1.3.4.5.	Individuals, businesses and governments interact and exchange goods, services and resources in different ways and for different reasons; interactions between buyers and sellers in a market determines the price and quantity exchanged of a good, service or resource.

INDICATOR 1.2.4.5.1. Explain that people trade (voluntarily) when they each expect to be better off after doing so.

Virtual Field Trips

Grade 1 - All About Work

Grade 2 - Work and Money

CONTENT STANDARD / DOMAIN	MN.1.	Grade One: Foundations of Social Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	1.3.	Geography
INDICATORS OF PROGRESS / STRAND	1.3.1.	Geospatial Skills
INDICATORS OF PROGRESS	1.3.1.1.	People use geographic representations and geospatial technologies to acquire, process and report information within a spatial context.

INDICATOR 1.3.1.1.2. Use relative location words and absolute location words to identify the location of a specific place; explain why or when it is important to use absolute versus relative location.

Virtual Field Trips

Grade 2 - Land and Water Around Us

CONTENT STANDARD / DOMAIN	MN.1.	Grade One: Foundations of Social Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	1.3.	Geography
INDICATORS OF PROGRESS / STRAND	1.3.2.	Places and Regions
INDICATORS OF PROGRESS	1.3.2.3.	Places have physical characteristics (such as climate, topography and vegetation) and human characteristics (such as culture, population, political and economic systems).

INDICATOR 1.3.2.3.1. Compare physical and human characteristics of a local place and a place far away on a globe or map (such as a place in an equatorial or polar region).

Virtual Field Trips

Grade 1 - The Earth Around Us

Grade 2 - Land and Water Around Us

Paris - City of Light - Grades K - 5

CONTENT STANDARD / DOMAIN	MN.1.	Grade One: Foundations of Social Studies
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PERFORMANCE INDICATOR / DOMAIN COMPONENT	1.4.	History
INDICATORS OF PROGRESS / STRAND	1.4.1.	Historical Thinking Skills
INDICATORS OF PROGRESS	1.4.1.2.	Historical inquiry is a process in which multiple sources and different kinds of historical evidence are analyzed to draw conclusions about how and why things happened in the past.

INDICATOR 1.4.1.2.1. Ask basic historical questions about a past event in one's family, school or local community.

Virtual Field Trips

Grade 1 - The Earth Around Us

INDICATOR 1.4.1.2.2. Describe how people lived at a particular time in the past, based on information found in historical records and artifacts.

Virtual Field Trips

Grade 1 - Life Long Ago

CONTENT STANDARD / DOMAIN	MN.1.	Grade One: Foundations of Social Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	1.4.	History
INDICATORS OF PROGRESS / STRAND	1.4.2.	Peoples, Cultures and Change Over Time
INDICATORS OF PROGRESS	1.4.2.4.	The differences and similarities of cultures around the world are attributable to their diverse origins and histories, and interactions with other cultures throughout time.

INDICATOR 1.4.2.4.1. Compare and contrast family life from earlier times and today.

Virtual Field Trips

Grade 1 - Life Long Ago

INDICATOR 1.4.2.4.2. Compare and contrast buildings and other technologies from earlier times and today.

Virtual Field Trips

Grade 1 - Life Long Ago