

Main Criteria: National Theatre for Children
Secondary Criteria: Ohio Learning Standards, Next Generation Science Standards (NGSS)
Subject: Science
Grades: K, 1, 2

National Theatre for Children

How electricity is made

Ohio Learning Standards

Science

Grade K - Adopted: 2011

DOMAIN / ACADEMIC CONTENT STANDARD	OH.K.	Observations of the Environment: This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry.
STANDARD / BENCHMARK	K.SI.	Science Inquiry and Application - During the years of PreK-4, all students must become proficient in the use of the following scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in all science content areas:
BENCHMARK / GRADE LEVEL INDICATOR	K.SI.5.	Communicate about observations, investigations and explanations.

Ohio Learning Standards

Science

Grade 1 - Adopted: 2011

DOMAIN / ACADEMIC CONTENT STANDARD	OH.1.	Observations of the Environment: This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry.
STANDARD / BENCHMARK	1.SI.	Science Inquiry and Application - During the years of PreK-4, all students must become proficient in the use of the following scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in all science content areas:
BENCHMARK / GRADE LEVEL INDICATOR	1.SI.5.	Communicate about observations, investigations and explanations.

Ohio Learning Standards

Science

Grade 2 - Adopted: 2011

DOMAIN / ACADEMIC CONTENT STANDARD	OH.2.	Observations of the Environment: This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry.
STANDARD / BENCHMARK	2.SI.	Science Inquiry and Application - During the years of PreK-4, all students must become proficient in the use of the following scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in all science content areas:
BENCHMARK / GRADE LEVEL INDICATOR	2.SI.5.	Communicate about observations, investigations and explanations.

How energy is used unwisely

Next Generation Science Standards (NGSS)

Science

Grade K - Adopted: 2013

STRAND	NGSS.K-ESS.	EARTH AND SPACE SCIENCE
TITLE	K-ESS3.	Earth and Human Activity

		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	K-ESS3-3.	Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

How we use natural resources

No Correlations Found

The science of energy and technology

No Correlations Found

The science of natural resources

No Correlations Found

The uses of electricity

Next Generation Science Standards (NGSS)

Science

Grade K - Adopted: 2013

STRAND	NGSS.K-PS.	PHYSICAL SCIENCE
TITLE	K-PS3.	Energy
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	K-PS3-1.	Make observations to determine the effect of sunlight on Earth's surface.
STRAND	NGSS.K-ESS.	EARTH AND SPACE SCIENCE
TITLE	K-ESS3.	Earth and Human Activity
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	K-ESS3-3.	Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

Ohio Learning Standards

Science

Grade K - Adopted: 2011

DOMAIN / ACADEMIC CONTENT STANDARD	OH.K.	Observations of the Environment: This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry.
STANDARD / BENCHMARK	K.SI.	Science Inquiry and Application - During the years of PreK-4, all students must become proficient in the use of the following scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in all science content areas:
BENCHMARK / GRADE LEVEL INDICATOR	K.SI.5.	Communicate about observations, investigations and explanations.

Ohio Learning Standards

Science

Grade 1 - Adopted: 2011

DOMAIN / ACADEMIC CONTENT STANDARD	OH.1.	Observations of the Environment: This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry.
STANDARD / BENCHMARK	1.SI.	Science Inquiry and Application - During the years of PreK-4, all students must become proficient in the use of the following scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in all science content areas:
BENCHMARK / GRADE LEVEL	1.SI.5.	Communicate about observations, investigations and explanations.

INDICATOR		
DOMAIN / ACADEMIC CONTENT STANDARD	OH.1.	Observations of the Environment: This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry.
STANDARD / BENCHMARK	1.ESS.	Earth and Space Science (ESS)
BENCHMARK / GRADE LEVEL INDICATOR		Topic: Sun, Energy and Weather - This topic focuses on the sun as a source of energy and energy changes that occur to land, air and water.
PROFICIENCY LEVEL	1.ESS.1.	The sun is the principal source of energy.
INDICATOR	1.ESS.1.1	Sunlight warms Earth's land, air and water. The amount of exposure to sunlight affects the amount of warming or cooling of air, water and land.

Ohio Learning Standards

Science

Grade 2 - Adopted: 2011

DOMAIN / ACADEMIC CONTENT STANDARD	OH.2.	Observations of the Environment: This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry.
STANDARD / BENCHMARK	2.SI.	Science Inquiry and Application - During the years of PreK-4, all students must become proficient in the use of the following scientific processes, with appropriate laboratory safety techniques, to construct their knowledge and understanding in all science content areas:
BENCHMARK / GRADE LEVEL INDICATOR	2.SI.5.	Communicate about observations, investigations and explanations.

What YOU can do to conserve energy

Next Generation Science Standards (NGSS)

Science

Grade K - Adopted: 2013

STRAND	NGSS.K-ESS.	EARTH AND SPACE SCIENCE
TITLE	K-ESS3.	Earth and Human Activity
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	K-ESS3-3.	Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

Ohio Learning Standards

Science

Grade 2 - Adopted: 2011

DOMAIN / ACADEMIC CONTENT STANDARD	OH.2.	Observations of the Environment: This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry.
STANDARD / BENCHMARK	2.LS.	Life Science (LS)
BENCHMARK / GRADE LEVEL INDICATOR		Topic: Interactions within Habitats - This topic focuses on how ecosystems work by observations of simple interactions between the biotic/living and abiotic/nonliving parts of an ecosystem. Just as living things impact the environment in which they live, the environment impacts living things.
PROFICIENCY LEVEL	2.LS.1.	Living things cause changes on Earth.
INDICATOR	2.LS.1.1.	Living things function and interact with their physical environments. Living things cause changes in the environments where they live; the changes can be very noticeable or slightly noticeable, fast or slow.

What are energy and electricity

No Correlations Found

What are energy resources

No Correlations Found

What is and how to be Energy Efficient

Next Generation Science Standards (NGSS)

Science

Grade **K** - Adopted: **2013**

STRAND	NGSS.K-ESS.	EARTH AND SPACE SCIENCE
TITLE	K-ESS3.	Earth and Human Activity
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	K-ESS3-3.	Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

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