

**Main Criteria:** National Theatre for Children

**Secondary Criteria:** North Carolina Standard Course of Study, Next Generation Science Standards (NGSS)

**Subject:** Science

**Grades:** K, 1, 2

## National Theatre for Children

How electricity is made

*No Correlations Found*

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

**North Carolina Standard Course of Study**

**Science**

Grade 1 - Adopted: 2010

CONTENT AREA / STRAND	NC.1.E.	Earth Science
STRAND / ESSENTIAL STANDARD		Earth Systems, Structures and Processes
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	1.E.2.	Understand the physical properties of Earth materials that make them useful in different ways.
CLARIFYING OBJECTIVE	1.E.2.1.	Summarize the physical properties of Earth materials, including rocks, minerals, soils and water that make them useful in different ways.

The science of energy and technology

*No Correlations Found*

The science of natural resources

**North Carolina Standard Course of Study**

**Science**

Grade 1 - Adopted: 2010

CONTENT AREA / STRAND	NC.1.E.	Earth Science
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## The uses of electricity

### Next Generation Science Standards (NGSS)

#### Science

Grade K - Adopted: 2013

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

### North Carolina Standard Course of Study

#### Science

Grade 2 - Adopted: 2010

<b>CONTENT AREA / STRAND</b>	<b>NC.2.E.</b>	<b>Earth Science</b>
<b>STRAND / ESSENTIAL STANDARD</b>		Earth Systems, Structures & Processes
<b>ESSENTIAL STANDARD / CLARIFYING OBJECTIVE</b>	<b>2.E.1.</b>	Understand patterns of weather and factors that affect weather.
<b>CLARIFYING OBJECTIVE</b>	<b>2.E.1.1.</b>	Summarize how energy from the sun serves as a source of light that warms the land, air and water.

## What YOU can do to conserve energy

### Next Generation Science Standards (NGSS)

#### Science

Grade K - Adopted: 2013

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

## What are energy and electricity

*No Correlations Found*

## What are energy resources

### North Carolina Standard Course of Study

#### Science

Grade 1 - Adopted: 2010

<b>CONTENT AREA / STRAND</b>	<b>NC.1.E.</b>	<b>Earth Science</b>
<b>STRAND / ESSENTIAL STANDARD</b>		Earth Systems, Structures and Processes

ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	1.E.2.	Understand the physical properties of Earth materials that make them useful in different ways.
CLARIFYING OBJECTIVE	1.E.2.1.	Summarize the physical properties of Earth materials, including rocks, minerals, soils and water that make them useful in different ways.

### 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.