

Main Criteria: National Theatre for Children
Secondary Criteria: Kentucky Academic Standards, Next Generation Science Standards (NGSS)
Subject: Science
Grades: 3, 4, 5

National Theatre for Children

How electricity is made

Kentucky Academic Standards

Science

Grade 4 - Adopted: 2013

STRAND	KY.4.A.	Energy
CATEGORY / GOAL		Students who demonstrate understanding can:
STANDARD / ORGANIZER	4-PS3-2.	Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.
STANDARD / ORGANIZER	4-ESS3-1.	Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

Next Generation Science Standards (NGSS)

Science

Grade 4 - Adopted: 2013

STRAND	NGSS.4-PS.	PHYSICAL SCIENCE
TITLE	4-PS3.	Energy
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	4-PS3-2.	Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.
STRAND	NGSS.4-ESS.	EARTH AND SPACE SCIENCE
TITLE	4-ESS3.	Earth and Human Activity
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	4-ESS3-1.	Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

How energy is used unwisely

Kentucky Academic Standards

Science

Grade 4 - Adopted: 2013

STRAND	KY.4.A.	Energy
CATEGORY / GOAL		Students who demonstrate understanding can:
STANDARD / ORGANIZER	4-PS3-2.	Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.
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Kentucky Academic Standards

Science

Grade 5 - Adopted: 2013

STRAND	KY.5.D.	Earth's Systems
CATEGORY / GOAL		Students who demonstrate understanding can:
STANDARD / ORGANIZER	5-ESS3-1.	Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.

Next Generation Science Standards (NGSS)

Science

Grade 4 - Adopted: 2013

STRAND	NGSS.4-PS.	PHYSICAL SCIENCE
TITLE	4-PS3.	Energy
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	4-PS3-2.	Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.
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TITLE	4-ESS3.	Earth and Human Activity
		Students who demonstrate understanding can:
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Next Generation Science Standards (NGSS)

Science

Grade 5 - Adopted: 2013

STRAND	NGSS.5-ESS.	EARTH AND SPACE SCIENCE
TITLE	5-ESS3.	Earth and Human Activity
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	5-ESS3-1.	Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.

How we use natural resources

Kentucky Academic Standards

Science

Grade 4 - Adopted: 2013

STRAND	KY.4.A.	Energy
CATEGORY / GOAL		Students who demonstrate understanding can:
STANDARD / ORGANIZER	4-ESS3-1.	Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

Next Generation Science Standards (NGSS)

Science

Grade 4 - Adopted: 2013

STRAND	NGSS.4-ESS.	EARTH AND SPACE SCIENCE
TITLE	4-ESS3.	Earth and Human Activity
		Students who demonstrate understanding can:
PERFORMANCE EXPECTATION	4-ESS3-1.	Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

The science of energy and technology

Kentucky Academic Standards

Science

Grade 4 - Adopted: 2013

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CATEGORY / GOAL		Students who demonstrate understanding can:
STANDARD / ORGANIZER	4-PS3-2.	Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.

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Next Generation Science Standards (NGSS)

Science

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The science of natural resources

Kentucky Academic Standards

Science

Grade 4 - Adopted: 2013

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Science

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The uses of electricity

Kentucky Academic Standards

Science

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Kentucky Academic Standards

Science

Grade 5 - Adopted: 2013

STRAND	KY.5.D.	Earth's Systems
CATEGORY / GOAL		Students who demonstrate understanding can:
STANDARD /	5-ESS3-	Obtain and combine information about ways individual communities use science

ORGANIZER	1.	ideas to protect the Earth's resources and environment.
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Next Generation Science Standards (NGSS)

Science

Grade 4 - Adopted: 2013

STRAND	NGSS.4-ESS.	EARTH AND SPACE SCIENCE
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Next Generation Science Standards (NGSS)

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What YOU can do to conserve energy

Kentucky Academic Standards

Science

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What are energy and electricity

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Science

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What are energy resources

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What is and how to be Energy Efficient

Kentucky Academic Standards

Science

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