

Main Criteria: California Content Standards

Secondary Criteria: LEGO® Education BricQ Motion Essential, LEGO® Education SPIKE™ Essential

Subject: Science Grades: 1, 2, 3, 4, 5

Correlation Options: Show Correlated

California Content Standards

Science

Grade: 1 - Adopted: 2013

CONTENT STANDARD / DOMAIN / PART	CA.1-PS.	PHYSICAL SCIENCE
PERFORMANCE STANDARD / MODE	1-PS4.	Waves and their Applications in Technologies for Information Transfer
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	1-PS4-1.	Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.
		<u>LEGO® Education SPIKE™ Essential</u> See it! Hear It! Build It!: Lesson 2 Musical Vibrations
FOUNDATION / PROFICIENCY LEVEL	1-PS4-2.	Make observations to construct an evidence-based account that objects can be seen only when illuminated.
		<u>LEGO® Education SPIKE™ Essential</u> Great Adventures: Cave Car See it! Hear It! Build It!: Lesson 1 Illumination
FOUNDATION / PROFICIENCY LEVEL	1-PS4-3.	Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.
		LEGO® Education SPIKE™ Essential See it! Hear It! Build It!: Lesson 1 Illumination See it! Hear It! Build It!: Lesson 3 Transparency
PROFICIENCY LEVEL	1-PS4-4.	Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.
		LEGO® Education SPIKE™ Essential Great Adventures: Animal Alarm See it! Hear It! Build It!: Lesson 2 Musical Vibrations See it! Hear It! Build It!: Lesson 4 Communicate with Light or Sound
CONTENT	CA.1-LS.	LIFE SCIENCE
STANDARD / DOMAIN / PART		
PERFORMANCE STANDARD / MODE	1-LS1.	From Molecules to Organisms: Structures and Processes
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	1-LS1-1.	Use materials to 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.
		<u>LEGO® Education SPIKE™ Essential</u> See it! Hear It! Build It!: Lesson 5 Learning from Using Ideas from Nature
CONTENT STANDARD / DOMAIN / PART	CA.K-2-ETS.	ENGINEERING DESIGN
PERFORMANCE STANDARD / MODE	K-2-ETS1.	Engineering Design
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:

FOUNDATION / PROFICIENCY LEVEL		Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.
		<u>LEGO® Education BricQ Motion Essential</u> Dog Obstacle Course
		LEGO® Education SPIKE™ Essential Amazing Amusement Park: Classic Carousel Amazing Amusement Park: Snack Stand Amazing Amusement Park: The Fast Lane Amazing Amusement Park: The Most Amazing Amusement Park Amazing Amusement Park: The Perfect Swing Amazing Amusement Park: The Spinning Ferris Wheel Amazing Amusement Park: Twirling Teacups Great Adventures: Animal Alarm Great Adventures: Boat Trip Great Adventures: Boat Trip Great Adventures: The Great Desert Adventure Great Adventures: Treehouse Camp Great Adventures: Underwater Quest See it! Hear It! Build It!: Lesson 1 Illumination See it! Hear It! Build It!: Lesson 3 Transparency See it! Hear It! Build It!: Lesson 4 Communicate with Light or Sound See it! Hear It! Build It!: Lesson 5 Learning from Using Ideas from Nature
FOUNDATION / PROFICIENCY LEVEL	K-2-ET\$1-2.	Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
		<u>LEGO® Education BricQ Motion Essential</u> Relay Race
	W 0 5751 7	Amazing Amusement Park: Classic Carousel Amazing Amusement Park: Snack Stand Amazing Amusement Park: The Fast Lane Amazing Amusement Park: The Most Amazing Amusement Park Amazing Amusement Park: The Perfect Swing Amazing Amusement Park: The Spinning Ferris Wheel Amazing Amusement Park: Twirling Teacups Great Adventures: Animal Alarm Great Adventures: Arctic Ride Great Adventures: Boat Trip Great Adventures: Cave Car Great Adventures: The Great Desert Adventure Great Adventures: Underwater Quest See it! Hear It! Build It!: Lesson 1 Illumination See it! Hear It! Build It!: Lesson 2 Musical Vibrations See it! Hear It! Build It!: Lesson 3 Transparency See it! Hear It! Build It!: Lesson 4 Communicate with Light or Sound See it! Hear It! Build It!: Lesson 5 Learning from Using Ideas from Nature
FOUNDATION / PROFICIENCY LEVEL	K-2-ET\$1-3.	Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.
		LEGO® Education SPIKE™ Essential Amazing Amusement Park: Snack Stand Amazing Amusement Park: The Spinning Ferris Wheel See it! Hear It! Build It!: Lesson 1 Illumination See it! Hear It! Build It!: Lesson 2 Musical Vibrations See it! Hear It! Build It!: Lesson 3 Transparency See it! Hear It! Build It!: Lesson 4 Communicate with Light or Sound See it! Hear It! Build It!: Lesson 5 Learning from Using Ideas from Nature

Science

Grade: 2 - Adopted: 2013

CONTENT STANDARD / DOMAIN / PART	CA.2-PS.	PHYSICAL SCIENCE
PERFORMANCE STANDARD / MODE	2-PS1.	Matter and its Interactions
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	2-PS1-1.	Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.
		LEGO® Education SPIKE™ Essential Science in Nature and our Daily Life: Lesson 2 Redesigning to Make New Objects Science in Nature and our Daily Life: Lesson 4 Classify and Choose Materials
FOUNDATION / PROFICIENCY LEVEL	2-PS1-2.	Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.
		LEGO® Education SPIKE™ Essential Amazing Amusement Park: Classic Carousel Amazing Amusement Park: Snack Stand Amazing Amusement Park: The Fast Lane Amazing Amusement Park: The Most Amazing Amusement Park Amazing Amusement Park: The Perfect Swing Amazing Amusement Park: The Spinning Ferris Wheel Amazing Amusement Park: Twirling Teacups Great Adventures: Animal Alarm Great Adventures: Boat Trip Great Adventures: Cave Car Great Adventures: The Great Desert Adventure Great Adventures: Treehouse Camp Great Adventures: Underwater Quest Science in Nature and our Daily Life: Lesson 1 Habitats Science in Nature and our Daily Life: Lesson 2 Redesigning to Make New Objects Science in Nature and our Daily Life: Lesson 4 Classify and Choose Materials Science in Nature and our Daily Life: Lesson 5 Protection from Wind LEGO® Education BricQ Motion Essential Relay Race
FOUNDATION / PROFICIENCY LEVEL	2-PS1-3.	Make observations to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object.
		LEGO® Education SPIKE™ Essential Great Adventures: Boat Trip Science in Nature and our Daily Life: Lesson 2 Redesigning to Make New Objects
CONTENT STANDARD / DOMAIN / PART	CA.2-LS.	LIFE SCIENCE
PERFORMANCE STANDARD / MODE	2-LS2.	Ecosystems: Interactions, Energy, and Dynamics
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	2-LS2-2.	Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.
		<u>LEGO® Education SPIKE™ Essential</u> Science in Nature and our Daily Life: Lesson 3 Pollination
CONTENT STANDARD / DOMAIN / PART	CA.2-LS.	LIFE SCIENCE
PERFORMANCE STANDARD / MODE	2-LS4.	Biological Evolution: Unity and Diversity
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:

FOUNDATION / PROFICIENCY LEVEL	2-LS4-1.	Make observations of plants and animals to compare the diversity of life in different habitats[Clarification Statement: Emphasis is on the diversity of living things in each of a variety of different habitats.] [Assessment Boundary: Assessment does not include specific animal and plant names in specific habitats.] LEGO® Education SPIKE™ Essential
		Science in Nature and our Daily Life: Lesson 1 Habitats
CONTENT STANDARD / DOMAIN / PART	CA.2-ESS.	EARTH AND SPACE SCIENCE
PERFORMANCE STANDARD / MODE	2-ESS1.	Earth's Place in the Universe
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	2-ESS1-1.	Make observations from media to construct an evidence- based account that Earth events can occur quickly or slowly.
		LEGO® Education SPIKE™ Essential Science in Nature and our Daily Life: Lesson 5 Protection from Wind
CONTENT STANDARD /	CA.2-ESS.	EARTH AND SPACE SCIENCE
DOMAIN / PART PERFORMANÇE	2-ESS2.	Earth's Systems
STANDARD / MODE EXPECTATION /		Students who demonstrate understanding can:
SUBSTRAND FOUNDATION / PROFICIENCY LEVEL	2-ESS2-1.	Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.
PROFICIENCY LEVEL		LEGO® Education SPIKE™ Essential Science in Nature and our Daily Life: Lesson 5 Protection from Wind
CONTENT STANDARD /	CA.K-2-ETS.	ENGINEERING DESIGN
DOMAIN / PART PERFORMANCE STANDARD / MODE	K-2-ETS1.	Engineering Design
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	K-2-ETS1-1.	Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. LEGO® Education BricQ Motion Essential Dog Obstacle Course
		LEGO® Education SPIKE™ Essential Amazing Amusement Park: Classic Carousel Amazing Amusement Park: Snack Stand Amazing Amusement Park: The Fast Lane Amazing Amusement Park: The Most Amazing Amusement Park Amazing Amusement Park: The Perfect Swing Amazing Amusement Park: The Spinning Ferris Wheel Amazing Amusement Park: Twirling Teacups Great Adventures: Animal Alarm Great Adventures: Arctic Ride Great Adventures: Boat Trip Great Adventures: Cave Car Great Adventures: The Great Desert Adventure Great Adventures: Treehouse Camp Great Adventures: Underwater Quest Science in Nature and our Daily Life: Lesson 1 Habitats Science in Nature and our Daily Life: Lesson 2 Redesigning to Make New Objects Science in Nature and our Daily Life: Lesson 4 Classify and Choose Materials Science in Nature and our Daily Life: Lesson 5 Protection from Wind

FOUNDATION / PROFICIENCY LEVEL	K-2-ETS1-2.	Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. LEGO® Education BricQ Motion Essential Relay Race LEGO® Education SPIKE™ Essential Amazing Amusement Park: Classic Carousel Amazing Amusement Park: Snack Stand Amazing Amusement Park: The Fast Lane Amazing Amusement Park: The Perfect Swing Amazing Amusement Park: The Spinning Ferris Wheel Amazing Amusement Park: Twirling Teacups Great Adventures: Animal Alarm Great Adventures: Arctic Ride Great Adventures: Boat Trip Great Adventures: The Great Desert Adventure Great Adventures: Treehouse Camp Great Adventures: Underwater Quest Science in Nature and our Daily Life: Lesson 1 Habitats Science in Nature and our Daily Life: Lesson 2 Redesigning to Make New Objects Science in Nature and our Daily Life: Lesson 4 Classify and Choose Materials Science in Nature and our Daily Life: Lesson 5 Protection from
FOUNDATION / PROFICIENCY LEVEL	K-2-ETS1-3.	Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. LEGO® Education SPIKE™ Essential Amazing Amusement Park: Snack Stand Amazing Amusement Park: The Spinning Ferris Wheel Science in Nature and our Daily Life: Lesson 1 Habitats Science in Nature and our Daily Life: Lesson 2 Redesigning to Make New Objects Science in Nature and our Daily Life: Lesson 3 Pollination Science in Nature and our Daily Life: Lesson 4 Classify and Choose Materials Science in Nature and our Daily Life: Lesson 5 Protection from Wind

Science

Grade: 3 - Adopted: 2013

CONTENT STANDARD / DOMAIN / PART	CA.3-PS.	PHYSICAL SCIENCE
PERFORMANCE STANDARD / MODE	3-PS2.	Motion and Stability: Forces and Interactions
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL		Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object. LEGO® Education BricQ Motion Essential Cheering Crowd Gravity Car Derby Weightlifter

FOUNDATION / PROFICIENCY LEVEL	3-PS2-2.	Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. LEGO® Education BricQ Motion Essential Bobsled Free Throw Race Car Track and Field
		LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Cable Car Happy Traveler: Get Around Town
FOUNDATION / PROFICIENCY LEVEL	3-P\$2-3.	Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other. LEGO® Education BricQ Motion Essential Bobsled Free Throw Race Car Track and Field
CONTENT STANDARD / DOMAIN / PART	CA.3-LS.	LIFE SCIENCE
PERFORMANCE STANDARD / MODE	3-LS1.	From Molecules to Organisms: Structures and Processes
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	3-LS1-1.	Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death. <u>LEGO® Education SPIKE™ Essential</u> Animals and Their Environments: Lesson 2 Life Cycles
CONTENT STANDARD / DOMAIN / PART	CA.3-LS.	LIFE SCIENCE
PERFORMANCE STANDARD / MODE	3-LS2.	Ecosystems: Interactions, Energy, and Dynamics
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	3-LS2-1.	Construct an argument that some animals form groups that help members survive. <u>LEGO® Education SPIKE™ Essential</u>
CONTENT	CA.3-LS.	Animals and Their Environments: Lesson 3 Animal Behavior LIFE SCIENCE
STANDARD / DOMAIN / PART	CA.U LS.	LII E GOILHOL
PERFORMANCE STANDARD / MODE	3-LS4.	Biological Evolution: Unity and Diversity
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	3-LS4-2.	Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.
		<u>LEGO® Education SPIKE™ Essential</u> Animals and Their Environments: Lesson 5 Animals in Their Habitats

ential ts: Lesson 5 Animals in Their
of a solution to a problem t changes and the types of nere may change.
on Essential Safe Crossing
ential ts: Lesson 4 Solving Problems Safe Crossing
nderstanding can:
of a design solution that ther-related hazard.
ential ts: Lesson 1 Preparing for the
nderstanding can:
m reflecting a need or a want a for success and constraints on
on Essential
ential tts: Lesson 1 Preparing for the tts: Lesson 2 Life Cycles tts: Lesson 3 Animal Behavior tts: Lesson 4 Solving Problems tts: Lesson 5 Animals in Their
e-Ing - Math Extension the Edge - Math Extension
rig Fun ye Carnival Games tick Hockey - Math Extension Pinball ni-Golf
ng Fun ve Carnival Games tick Hockey - Math Extension Pinball
ential ential ets: Lesson 1 Preparing ets: Lesson 2 Life Cycle ets: Lesson 3 Animal Bel ets: Lesson 4 Solving Pr ets: Lesson 5 Animals in

FOUNDATION / PROFICIENCY LEVEL	3-5-ETS1-2.	Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.
		LEGO® Education BricQ Motion Essential Race Car
		Track and Field
		<u>LEGO® Education SPIKE™ Essential</u> Animals and Their Environments: Lesson 1 Preparing for the Weather
		Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats
		Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games
		Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus
		Happy Traveler: Dig bus Happy Traveler: Cable Car Happy Traveler: Get Around Town
		Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry
		Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi!
		Quirky Creations: Big Little Helper - Math Extension
		Quirky Creations: Good Morning Machine Quirky Creations: High-Tech Playground
		Quirky Creations: Literary Randomizer Quirky Creations: Trash Monster Machine
		Quirky Creations: Winning Goal Quirky Creations: Your School Creation
FOUNDATION / PROFICIENCY LEVEL	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry Happy Traveler: Swamp Boat
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Get Around Town Happy Traveler: River Ferry Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Big Little Helper - Math Extension
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Get Around Town Happy Traveler: River Ferry Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Good Morning Machine Quirky Creations: High-Tech Playground
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Get Around Town Happy Traveler: River Ferry Happy Traveler: River Ferry Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Big Little Helper - Math Extension Quirky Creations: High-Tech Playground Quirky Creations: Literary Randomizer
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Get Around Town Happy Traveler: River Ferry Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Good Morning Machine Quirky Creations: High-Tech Playground
	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. LEGO® Education SPIKE™ Essential Animals and Their Environments: Lesson 1 Preparing for the Weather Animals and Their Environments: Lesson 2 Life Cycles Animals and Their Environments: Lesson 3 Animal Behavior Animals and Their Environments: Lesson 4 Solving Problems When Environments Change Animals and Their Environments: Lesson 5 Animals in Their Habitats Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Bowling Fun Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Get Around Town Happy Traveler: Get Around Town Happy Traveler: River Ferry Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Big Little Helper - Math Extension Quirky Creations: High-Tech Playground Quirky Creations: High-Tech Playground Quirky Creations: Literary Randomizer Quirky Creations: Winning Goal

Science

Grade: 4 - Adopted: 2013

CONTENT	CA.4-PS.	PHYSICAL SCIENCE
STANDARD / DOMAIN / PART		
PERFORMANCE STANDARD / MODE	4-PS3.	Energy
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	4-PS3-1.	Use evidence to construct an explanation relating the speed of an object to the energy of that object.
		<u>LEGO® Education BricQ Motion Essential</u> Track and Field
		<u>LEGO® Education SPIKE™ Essential</u> Crazy Carnival Games: Mini Mini-Golf
FOUNDATION / PROFICIENCY LEVEL	4-PS3-2.	Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.
		LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf
FOUNDATION / PROFICIENCY LEVEL	4-PS3-3.	Ask questions and predict outcomes about the changes in energy that occur when objects collide.
		LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension
FOUNDATION / PROFICIENCY LEVEL	4-PS3-4.	Apply scientific ideas to design, test, and refine a device that converts energy from one form to another.
		<u>LEGO® Education SPIKE™ Essential</u> Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Junior Pinball
CONTENT STANDARD / DOMAIN / PART	CA.4-PS.	PHYSICAL SCIENCE
PERFORMANCE STANDARD / MODE	4-PS4.	Waves and their Applications in Technologies for Information Transfer
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	4-PS4-2.	Develop a model to describe that light reflecting from objects and entering the eye allows objects to be seen.
		<u>LEGO® Education SPIKE™ Essential</u> Science Connections: Lesson 1 How Eyes See

FOUNDATION / PROFICIENCY LEVEL	4-PS4-3.	Generate and compare multiple solutions that use patterns to transfer information.
		LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Big Bus Happy Traveler: Get Around Town Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Big Little Helper - Math Extension Quirky Creations: Good Morning Machine Quirky Creations: Literary Randomizer Quirky Creations: Literary Randomizer Quirky Creations: Winning Goal Quirky Creations: Winning Goal Quirky Creations: Your School Creation Science Connections: Lesson 5 Information Transfer
CONTENT STANDARD /	CA.4-LS.	LIFE SCIENCE
DOMAIN / PART		
PERFORMANCE STANDARD / MODE	4-LS1.	From Molecules to Organisms: Structures and Processes
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	4-LS1-1.	Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.
		LEGO® Education BricQ Motion Essential Essential Combined: Lesson 1 Create A Critter
		<u>LEGO® Education SPIKE™ Essential</u> Essential Combined: Lesson 1 Create A Critter Science Connections: Lesson 2 Animal Structures
FOUNDATION / PROFICIENCY LEVEL	4-LS1-2.	Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.
		<u>LEGO® Education SPIKE™ Essential</u> Science Connections: Lesson 1 How Eyes See
CONTENT STANDARD / DOMAIN / PART	CA.4-ESS.	EARTH AND SPACE SCIENCE
PERFORMANCE STANDARD / MODE	4-ESS3.	Earth and Human Activity
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	4-ESS3-1.	Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.
		<u>LEGO® Education SPIKE™ Essential</u> Science Connections: Lesson 3 Energy Resources
FOUNDATION / PROFICIENCY LEVEL	4-ESS3-2.	Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.
		<u>LEGO® Education SPIKE™ Essential</u> Science Connections: Lesson 4 Prepare for Natural Hazards
CONTENT STANDARD /	CA.3-5-ETS.	ENGINEERING DESIGN
DOMAIN / PART PERFORMANCE	3-5-ETS1.	Engineering Design
STANDARD / MODE	J J LISI.	
SUBSTRAND		Students who demonstrate understanding can:

FOUNDATION / PROFICIENCY LEVEL	3-5-ETS1-1.	Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.
		<u>LEGO® Education BricQ Motion Essential</u> Track and Field
		LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Big Little Helper - Math Extension Quirky Creations: Good Morning Machine Quirky Creations: High-Tech Playground Quirky Creations: Literary Randomizer Quirky Creations: Trash Monster Machine Quirky Creations: Winning Goal Quirky Creations: Your School Creation Science Connections: Lesson 1 How Eyes See Science Connections: Lesson 2 Animal Structures Science Connections: Lesson 3 Energy Resources
		Science Connections: Lesson 4 Prepare for Natural Hazards Science Connections: Lesson 5 Information Transfer
FOUNDATION /	3-5-ETS1-2.	Generate and compare multiple possible solutions to a
PROFICIENCY LEVEL	3 3 2131 2.	problem based on how well each is likely to meet the criteria and constraints of the problem. LEGO® Education BricQ Motion Essential
		Track and Field
		LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus
		Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Hovering Helicopter
		Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Big Little Helper - Math Extension
		Quirky Creations: Good Morning Machine Quirky Creations: High-Tech Playground Quirky Creations: Literary Randomizer
		Quirky Creations: Trash Monster Machine Quirky Creations: Winning Goal Quirky Creations: Your School Creation Science Connections: Lesson 1 How Eyes See
		Science Connections: Lesson 2 Animal Structures Science Connections: Lesson 3 Energy Resources Science Connections: Lesson 4 Prepare for Natural Hazards Science Connections: Lesson 5 Information Transfer

	 Na
FOUNDATION /	Plan and carry out fair tests in which variables are controlled
PROFICIENCY LEVEL	and failure points are considered to identify aspects of a
	model or prototype that can be improved.
	<u>LEGO® Education SPIKE™ Essential</u>
	Crazy Carnival Games: A-Maze-Ing - Math Extension
	Crazy Carnival Games: Avoid the Edge - Math Extension
	Crazy Carnival Games: Bowling Fun
	Crazy Carnival Games: Creative Carnival Games
	Crazy Carnival Games: High Stick Hockey - Math Extension
	Crazy Carnival Games: Junior Pinball
	Crazy Carnival Games: Mini Mini-Golf
	Happy Traveler: Big Bus
	Happy Traveler: Cable Car
	Happy Traveler: Get Around Town
	Happy Traveler: Hovering Helicopter
	Happy Traveler: River Ferry
	Happy Traveler: Swamp Boat
	Happy Traveler: Taxi! Taxi!
	Quirky Creations: Big Little Helper - Math Extension
	Quirky Creations: Good Morning Machine
	Quirky Creations: High-Tech Playground
	Quirky Creations: Literary Randomizer
	Quirky Creations: Trash Monster Machine
	Quirky Creations: Winning Goal
	Quirky Creations: Your School Creation
	Science Connections: Lesson 1 How Eyes See
	Science Connections: Lesson 2 Animal Structures
	Science Connections: Lesson 3 Energy Resources
	Science Connections: Lesson 4 Prepare for Natural Hazards
	Science Connections: Lesson 5 Information Transfer
	 perence connections. Lesson o information Transfer

Science

Grade: 5 - Adopted: 2013

CONTENT STANDARD / DOMAIN / PART	CA.5-PS.	PHYSICAL SCIENCE
PERFORMANCE STANDARD / MODE	5-PS1.	Matter and Its Interactions
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	5-PS1-1.	Develop a model to describe that matter is made of particles too small to be seen.
		<u>LEGO® Education SPIKE™ Essential</u> Science We Cannot See: Lesson 1 Matter
CONTENT STANDARD / DOMAIN / PART	CA.5-PS.	PHYSICAL SCIENCE
PERFORMANCE STANDARD / MODE	5-PS2.	Motion and Stability: Forces and Interactions
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	5-PS2-1.	Support an argument that the gravitational force exerted by Earth on objects is directed down. LEGO® Education SPIKE™ Essential
		Science We Cannot See: Lesson 2 Gravity
CONTENT STANDARD / DOMAIN / PART	CA.5-PS.	PHYSICAL SCIENCE
PERFORMANCE STANDARD / MODE	5-PS3.	Energy
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	5-PS3-1.	Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun.
		LEGO® Education SPIKE™ Essential Science We Cannot See: Lesson 5 Energy Flow

CONTENT STANDARD /	CA.5-LS.	LIFE SCIENCE
DOMAIN / PART		
PERFORMANCE STANDARD / MODE	5-LS1.	From Molecules to Organisms: Structures and Processes
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	5-LS1-1.	Support an argument that plants get the materials they need for growth chiefly from air and water.
		LEGO® Education SPIKE™ Essential Quirky Creations: Big Little Helper - Math Extension
CONTENT STANDARD / DOMAIN / PART	CA.5-ESS.	EARTH AND SPACE SCIENCE
PERFORMANCE STANDARD / MODE	5-ESS1.	Earth's Place in the Universe
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	5-ESS1-2.	Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.
		LEGO® Education SPIKE™ Essential Science We Cannot See: Lesson 3 Daytime and Nighttime
CONTENT STANDARD / DOMAIN / PART	CA.5-ESS.	EARTH AND SPACE SCIENCE
PERFORMANCE STANDARD / MODE	5-ESS3.	Earth and Human Activity
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	5-ESS3-1.	Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.
		LEGO® Education SPIKE™ Essential Essential Combined: Lesson 2 Safe Crossing Science We Cannot See: Lesson 4 Protect the Environment
		LEGO® Education BricQ Motion Essential Essential Combined: Lesson 2 Safe Crossing
CONTENT STANDARD / DOMAIN / PART	CA.3-5-ETS.	ENGINEERING DESIGN
PERFORMANCE STANDARD / MODE	3-5-ETS1.	Engineering Design
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:

FOUNDATION /	3-5-ETS1-1.	Define a simple design problem reflecting a need or a want
PROFICIENCY LEVEL	J J LISI-I.	that includes specified criteria for success and constraints on materials, time, or cost.
		<u>LEGO® Education BricQ Motion Essential</u> Track and Field
		LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town
		Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry
		Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Big Little Helper - Math Extension Quirky Creations: Good Morning Machine
		Quirky Creations: High-Tech Playground Quirky Creations: Literary Randomizer Quirky Creations: Trash Monster Machine
		Quirky Creations: Winning Goal Quirky Creations: Your School Creation Science We Cannot See: Lesson 1 Matter
		Science We Cannot See: Lesson 2 Gravity Science We Cannot See: Lesson 3 Daytime and Nighttime Science We Cannot See: Lesson 4 Protect the Environment Science We Cannot See: Lesson 5 Energy Flow
FOUNDATION / PROFICIENCY LEVEL	3-5-ETS1-2.	Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.
	3-5-ETS1-2.	problem based on how well each is likely to meet the criteria
	3-5-ETS1-2.	problem based on how well each is likely to meet the criteria and constraints of the problem. LEGO® Education BricQ Motion Essential Track and Field LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension
	3-5-ETS1-2.	problem based on how well each is likely to meet the criteria and constraints of the problem. LEGO® Education BricQ Motion Essential Track and Field LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car
	3-5-ETS1-2.	problem based on how well each is likely to meet the criteria and constraints of the problem. LEGO® Education BricQ Motion Essential Track and Field LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi!
	3-5-ETS1-2.	problem based on how well each is likely to meet the criteria and constraints of the problem. LEGO® Education BricQ Motion Essential Track and Field LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Taxi! Quirky Creations: Big Little Helper - Math Extension Quirky Creations: Good Morning Machine Quirky Creations: High-Tech Playground
	3-5-ETS1-2.	problem based on how well each is likely to meet the criteria and constraints of the problem. LEGO® Education BricQ Motion Essential Track and Field LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Taxi! Quirky Creations: Big Little Helper - Math Extension Quirky Creations: Good Morning Machine
	3-5-ETS1-2.	problem based on how well each is likely to meet the criteria and constraints of the problem. LEGO® Education BricQ Motion Essential Track and Field LEGO® Education SPIKE™ Essential Crazy Carnival Games: A-Maze-Ing - Math Extension Crazy Carnival Games: Avoid the Edge - Math Extension Crazy Carnival Games: Bowling Fun Crazy Carnival Games: Creative Carnival Games Crazy Carnival Games: High Stick Hockey - Math Extension Crazy Carnival Games: Junior Pinball Crazy Carnival Games: Mini Mini-Golf Happy Traveler: Big Bus Happy Traveler: Cable Car Happy Traveler: Get Around Town Happy Traveler: Hovering Helicopter Happy Traveler: River Ferry Happy Traveler: Swamp Boat Happy Traveler: Swamp Boat Happy Traveler: Swamp Boat Happy Traveler: Good Morning Machine Quirky Creations: Big Little Helper - Math Extension Quirky Creations: Literary Randomizer Quirky Creations: Literary Randomizer Quirky Creations: Trash Monster Machine Quirky Creations: Winning Goal

FOUNDATION /	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled
PROFICIENCY LEVEL		and failure points are considered to identify aspects of a
		model or prototype that can be improved.
		<u>LEGO® Education SPIKE™ Essential</u>
		Crazy Carnival Games: A-Maze-Ing - Math Extension
		Crazy Carnival Games: Avoid the Edge - Math Extension
		Crazy Carnival Games: Bowling Fun
		Crazy Carnival Games: Creative Carnival Games
		Crazy Carnival Games: High Stick Hockey - Math Extension
		Crazy Carnival Games: Junior Pinball
		Crazy Carnival Games: Mini Mini-Golf
		Happy Traveler: Big Bus
		Happy Traveler: Cable Car
		Happy Traveler: Get Around Town
		Happy Traveler: Hovering Helicopter
		Happy Traveler: River Ferry
		Happy Traveler: Swamp Boat
		Happy Traveler: Taxi! Taxi!
		Quirky Creations: Big Little Helper - Math Extension
		Quirky Creations: Good Morning Machine
		Quirky Creations: High-Tech Playground
		Quirky Creations: Literary Randomizer
		Quirky Creations: Trash Monster Machine
		Quirky Creations: Winning Goal
		Quirky Creations: Your School Creation
		Science We Cannot See: Lesson 1 Matter
		Science We Cannot See: Lesson 2 Gravity
		Science We Cannot See: Lesson 3 Daytime and Nighttime
		Science We Cannot See: Lesson 4 Protect the Environment
		Science We Cannot See: Lesson 5 Energy Flow