

## NGSS Kindergarten

### K-PS2 Motion and Stability: Forces and Interactions

K-PS2-1. Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.

K-PS2-2. Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level	
978-1-5081-2365-1	\$4.75	9781508123675	\$12.55	<a href="#">Push and Pull</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	190L	Grade K - 1
978-1-4994-9652-9	\$4.75	9781499496536	\$12.55	<a href="#">Fast and Slow</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	30L	Grade Pre-K - 1
978-1-5382-3714-4	\$6.95	9781538237175	\$16.95	<a href="#">Fast or Slow?</a>		All About Opposites	Gareth Stevens	B		Grade K

### K-PS3 Energy

K-PS3-1. Make observations to determine the effect of sunlight on Earth's surface.

K-PS3-2. Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level	
978-0-7660-8082-9	\$7.95	9780766080904	\$16.95	<a href="#">Day and Night</a>		All About Opposites	Enlow Publishing	A	410L	Grade K - 1
978-1-4488-7465-1	\$7.00	9781448876112	\$18.45	<a href="#">The Sun</a>		PowerKids Readers: The Universe	Powerkids Press	B	210L	Grade K
978-1-5081-2410-8	\$4.75	9781508124122	\$12.55	<a href="#">All About Sunlight</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B	190L	Grade K - 1
978-1-5081-2407-8	\$4.75	9781508124092	\$12.55	<a href="#">Darkness and Light</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B	260L	Grade K - 1
978-1-5081-2625-6	\$4.75	9781508126270	\$12.55	<a href="#">Hot Rocks</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B		Grade K - 1
978-1-4994-2359-4	\$7.00	9781499423624	\$17.70	<a href="#">It's Sunny</a>		What's the Weather Like?	Powerkids Press	C		Grade 1
978-1-4042-7925-4	\$5.00	9781448836369	\$15.20	<a href="#">24 Hours: From Day to Night</a>		Real Life Readers	Rosen Classroom	D	260L	Grade 1 - 2
978-1-9785-0940-5	\$7.95	9781978509412	\$16.95	<a href="#">The Sun</a>		Let's Learn About Space	Enlow Publishing	D		Grade 1 - 2

### K-LS1 From Molecules to Organisms: Structures and Processes

K-LS1-1. Use observations to describe patterns of what plants and animals (including humans) need to survive.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level	
978-1-4042-8010-6	\$4.35	9781448837670	\$14.16	<a href="#">What People Eat</a>		Real Life Readers	Rosen Classroom	A	20L	Grade K - 1
978-1-5081-2389-7	\$4.75	9781508123910	\$12.55	<a href="#">Deer Eat Buds and Leaves</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A		Grade K - 1
978-1-5081-2374-3	\$4.75	9781508123767	\$12.55	<a href="#">Food for Animals</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	90L	Grade K - 1
978-1-5081-2377-4	\$4.75	9781508123798	\$12.55	<a href="#">Food for Plants</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	140L	Grade K - 1
978-1-5081-2386-6	\$4.75	9781508123880	\$12.55	<a href="#">Plants Need Light</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	150L	Grade K - 1
978-1-5081-2604-1	\$4.75	9781508126065	\$12.55	<a href="#">The Deer Feast</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A		Grade K - 1
978-1-5081-2383-5	\$4.75	9781508123859	\$12.55	<a href="#">The Roots of a Tree</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A		Grade K - 1
978-1-5081-2380-4	\$4.75	9781508123828	\$12.55	<a href="#">Water and Life</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	70L	Grade K - 1
978-1-4042-7967-4	\$4.35	9781448836437	\$14.16	<a href="#">Animal Features</a>		Real Life Readers	Rosen Classroom	B	70L	Grade K - 1
978-1-4042-7957-5	\$4.35	9781448836536	\$14.16	<a href="#">Bugs Up Close</a>		Real Life Readers	Rosen Classroom	B	110L	Grade K - 1
978-1-5081-2395-8	\$4.75	9781508123972	\$12.55	<a href="#">We Need Air to Breathe</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B	280L	Grade K - 1
978-1-4042-5416-9	\$5.00	9781448839056	\$12.50	<a href="#">Flowers and How They Grow (Journeys)</a>		Journeys	Rosen Classroom	C		Grade 1 - 2
978-1-4994-9240-8	\$5.50	9781499492422	\$13.75	<a href="#">Sunflowers Need the Sun</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	C	190L	Grade 1 - 2
978-1-4339-4817-6	\$6.95	9781433948190	\$17.70	<a href="#">Watch Apple Trees Grow</a>		Watch Plants Grow!	Gareth Stevens	C	260L	Grade K
978-1-4339-4823-7	\$6.95	9781433948251	\$17.70	<a href="#">Watch Corn Grow</a>		Watch Plants Grow!	Gareth Stevens	C	220L	Grade K
978-1-4339-4828-2	\$6.95	9781433948305	\$17.70	<a href="#">Watch Grass Grow</a>		Watch Plants Grow!	Gareth Stevens	C	330L	Grade K
978-1-4339-4834-3	\$6.95	9781433948367	\$17.70	<a href="#">Watch Peas Grow</a>		Watch Plants Grow!	Gareth Stevens	C	240L	Grade K
978-1-4339-4840-4	\$6.95	9781433948428	\$17.70	<a href="#">Watch Pine Trees Grow</a>		Watch Plants Grow!	Gareth Stevens	C	200L	Grade K
978-1-4339-4846-6	\$6.95	9781433948480	\$17.70	<a href="#">Watch Tulips Grow</a>		Watch Plants Grow!	Gareth Stevens	C	200L	Grade K
978-1-4824-3803-1	\$6.95	9781482438062	\$16.95	<a href="#">Growing Plants</a>		We Can Do It!	Gareth Stevens	C		Grade K
978-1-5383-5107-9	\$5.25	9781538351093	\$15.95	<a href="#">Flowers Need Sun: If...Then</a>		Computer Science for the Real World	Rosen Classroom	D	310L	Grade K - 1
978-1-5383-5104-8	\$5.25	9781538351208	\$15.95	<a href="#">My Little Plant: If...Then</a>		Computer Science for the Real World	Rosen Classroom	D	230L	Grade K - 1
978-1-4488-8989-1	\$7.00	9781448889914	\$18.91	<a href="#">I Can Grow Plants!</a>		InfoMax Common Core Readers	Rosen Classroom	D	380L	Grade 1
978-1-4488-8995-2	\$7.00	9781448889976	\$18.91	<a href="#">Why Do Animals Hibernate?</a>		InfoMax Common Core Readers	Rosen Classroom	D	380L	Grade 1
978-1-4488-8770-5	\$7.00	9781448887729	\$20.06	<a href="#">How Plants Live and Grow</a>		Rosen Common Core Readers	Rosen Classroom	D	250L	Grade 1
978-1-4994-9267-5	\$5.50	9781499492699	\$13.75	<a href="#">We Breathe Air</a>		Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D	290L	Grade 1 - 2

## K-ESS2 Earth's Systems

K-ESS2-1. Use and share observations of local weather conditions to describe patterns over time.

K-ESS2-2. Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level
978-1-5383-5028-7	\$5.25	9781538350317	\$15.95	<a href="#">Looks Like Rain!: What's the Problem?</a>	Computer Science for the Real World	Rosen Classroom	A	180L	Grade K - 1
978-1-4042-5403-9	\$4.35	9781448839278	\$11.53	<a href="#">Learning About Clouds (Journeys)</a>	Journeys	Rosen Classroom	A		Grade K - 1
978-1-4042-5402-2	\$4.35	9781448839285	\$11.53	<a href="#">Learning About Rain (Journeys)</a>	Journeys	Rosen Classroom	A		Grade K - 1
978-1-5026-2086-6	\$6.99	9781502620897	\$16.95	<a href="#">A Rabbit's Burrow</a>	Animal Builders	Cavendish Square	B	350L	Grade 1
978-1-5383-5067-6	\$5.25	9781538350584	\$15.95	<a href="#">I Watch the Weather: What Will Happen?</a>	Computer Science for the Real World	Rosen Classroom	B	210L	Grade K - 1
978-1-5383-5059-1	\$5.25	9781538350621	\$15.95	<a href="#">Let's Track the Storm: What Will Happen?</a>	Computer Science for the Real World	Rosen Classroom	B	170L	Grade K - 1
978-1-4042-5405-3	\$4.35	9781448839292	\$11.53	<a href="#">Learning About Snow (Journeys)</a>	Journeys	Rosen Classroom	B		Grade K - 1
				<a href="#">A Week of Weather: Learning to Collect and</a>					
978-0-8239-8887-7	\$4.35	9781448840182	\$14.16	<a href="#">Record Data on a Pictograph</a>	Math for the REAL World	Rosen Classroom	B	410L	Grade K - 1
978-1-5081-2398-9	\$4.75	9781508124009	\$12.55	<a href="#">Plants, Animals, and People Live Together</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B		Grade K - 1
978-1-4824-6313-2	\$6.95	9781482463163	\$16.95	<a href="#">I Know the Weather</a>	What I Know	Gareth Stevens	B	100L	Grade K
978-1-4339-9393-0	\$6.95	9781433993954	\$17.70	<a href="#">It's Hailing!</a>	What's the Weather?	Gareth Stevens	B		Grade K
978-1-4042-7950-6	\$4.35	9781448837533	\$14.16	<a href="#">Rain Forest Plants</a>	Real Life Readers	Rosen Classroom	C		Grade K - 2
978-1-5081-2422-1	\$5.50	9781508124245	\$13.75	<a href="#">Keeping Track of the Weather</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	C	360L	Grade K - 1
978-1-5081-2425-2	\$5.50	9781508124276	\$13.75	<a href="#">Severe Weather</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	C	190L	Grade K - 1
978-1-4994-9249-1	\$5.50	9781499492514	\$13.75	<a href="#">Storms</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	C	270L	Grade 1 - 2
978-1-5081-2640-9	\$5.50	9781508126423	\$13.75	<a href="#">The Worst Storm</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	C		Grade K - 1
978-1-4339-9397-8	\$6.95	9781433993992	\$17.70	<a href="#">It's Rainy!</a>	What's the Weather?	Gareth Stevens	C		Grade K
978-1-4339-9401-2	\$6.95	9781433994036	\$17.70	<a href="#">It's Snowing!</a>	What's the Weather?	Gareth Stevens	C		Grade K
978-1-4339-9405-0	\$6.95	9781433994074	\$17.70	<a href="#">It's Stormy!</a>	What's the Weather?	Gareth Stevens	C		Grade K
978-1-4339-9409-8	\$6.95	9781433994111	\$17.70	<a href="#">It's Sunny!</a>	What's the Weather?	Gareth Stevens	C		Grade K
978-1-4339-9413-5	\$6.95	9781433994159	\$17.70	<a href="#">It's Windy!</a>	What's the Weather?	Gareth Stevens	C		Grade K
978-1-5026-2071-2	\$6.99	9781502620743	\$16.95	<a href="#">A Spider's Web</a>	Animal Builders	Cavendish Square	D	350L	Grade 1
978-1-4488-8749-1	\$6.00	9781448887514	\$18.91	<a href="#">The Changing Weather</a>	Rosen Common Core Readers	Rosen Classroom	D	290L	Grade 1 - 2
978-1-4994-9261-3	\$5.50	9781499492637	\$13.75	<a href="#">It's Cloudy</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D	300L	Grade 1 - 2
978-1-5382-3210-1	\$6.95	9781538229873	\$16.95	<a href="#">Exploring the Weather</a>	So Into Science!	Gareth Stevens	C		Grade K

## K-ESS3 Earth and Human Activity

K-ESS3-1. Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.

K-ESS3-2. Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.

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.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level
978-1-4994-9635-2	\$4.75	9781499496369	\$12.55	<a href="#">A Hippo's Home</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	160L	Grade Pre-K - 1
978-1-4994-9489-1	\$4.75	9781499494921	\$12.55	<a href="#">Beaver Works on His Dam</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	240L	Grade Pre-K - 1
978-1-4994-9153-1	\$4.75	9781499491555	\$12.55	<a href="#">Busy Beavers</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A	30L	Grade Pre-K - 1
978-1-4994-9198-2	\$4.75	9781499492002	\$12.55	<a href="#">A Wasp's Nest</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B	140L	Grade Pre-K - 1
978-1-5081-1504-5	\$4.75	9781508115052	\$12.55	<a href="#">Bear Wakes Up</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B		Grade K - 1
978-1-4994-9611-6	\$4.75	9781499496123	\$12.55	<a href="#">Squirrel Gets Ready</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B		Grade Pre-K - 1
978-1-4994-9195-1	\$4.75	9781499491975	\$12.55	<a href="#">Squirrels and Nuts</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	B	120L	Grade Pre-K - 1
978-1-5081-2637-9	\$5.50	9781508126393	\$13.75	<a href="#">My Uncle Is a Weatherman on TV</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	C		Grade K - 1
978-1-5081-4189-1	\$7.00	9781508141921	\$17.70	<a href="#">We Live in a City</a>	American Communities	Powerkids Press	D	420L	Grade 1
978-1-5081-4193-8	\$7.00	9781508142010	\$17.70	<a href="#">We Live in a Small Town</a>	American Communities	Powerkids Press	D	410L	Grade 1
978-1-5081-4205-8	\$7.00	9781508142089	\$17.70	<a href="#">We Live in the Country</a>	American Communities	Powerkids Press	D	500L	Grade 1
978-1-5081-4209-6	\$7.00	9781508142126	\$17.70	<a href="#">We Live on a Farm</a>	American Communities	Powerkids Press	D	390L	Grade 1
978-1-4994-9511-9	\$5.50	9781499495126	\$13.75	<a href="#">A Nest for Robin</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D	360L	Grade 1 - 2
978-1-5382-3204-0	\$6.95	9781538229842	\$16.95	<a href="#">Exploring the Forest</a>	So Into Science!	Gareth Stevens	C		Grade K
978-1-5382-3208-8	\$6.95	9781538229866	\$16.95	<a href="#">Exploring the Pond</a>	So Into Science!	Gareth Stevens	C		Grade K

## K-2-ETS1 Engineering Design

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.

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.

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.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level
978-1-5345-2207-7	\$7.00	9781534521865	\$19.68	<a href="#">Shapes</a>	First Math	KidHaven Publishing	A	350L	Grade K
978-1-4488-8637-1	\$6.00	9781448886395	\$18.91	<a href="#">I See Shapes</a>	InfoMax Common Core Readers	Rosen Classroom	A	40L	Grade K
978-1-4042-7985-8	\$4.35	9781448837687	\$14.16	<a href="#">What Shape Is It?</a>	Real Life Readers	Rosen Classroom	A	60L	Grade K - 1
978-1-4777-1587-1	\$6.00	9781477715895	\$13.95	<a href="#">Shapes at School: Identify and Describe Shapes</a>	Rosen Common Core Math Readers	Rosen Classroom	A	30L	Grade K
978-1-5081-2371-2	\$4.75	9781508123736	\$12.55	<a href="#">All About Ramps</a>	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	A		Grade K - 1
978-1-5382-1736-8	\$6.95	9781538217351	\$16.95	<a href="#">I Know Flat and Solid Shapes</a>	What I Know	Gareth Stevens	B		Grade K
978-1-5984-5150-4	\$7.95	9780766049765	\$17.70	<a href="#">I See Circles</a>	All About Shapes	Enslow Publishing	B		Grade Pre-K - 1
978-1-5984-5151-1	\$7.95	9780766049734	\$17.70	<a href="#">I See Ovals</a>	All About Shapes	Enslow Publishing	B		Grade Pre-K - 1
978-1-5984-5152-8	\$7.95	9780766049710	\$17.70	<a href="#">I See Rectangles</a>	All About Shapes	Enslow Publishing	B		Grade Pre-K - 1
978-1-5984-5153-5	\$7.95	9780766049697	\$17.70	<a href="#">I See Squares</a>	All About Shapes	Enslow Publishing	B		Grade Pre-K - 1
978-1-5984-5154-2	\$7.95	9780766049680	\$17.70	<a href="#">I See Stars</a>	All About Shapes	Enslow Publishing	B		Grade Pre-K - 1
978-1-5984-5155-9	\$7.95	9780766049673	\$17.70	<a href="#">I See Triangles</a>	All About Shapes	Enslow Publishing	B		Grade Pre-K - 1
978-1-4042-7989-6	\$4.35	9781448837663	\$14.16	<a href="#">What Is It Made Of?</a> <a href="#">Flat Shapes, Solid Shapes: Identify and Describe</a>	Real Life Readers	Rosen Classroom	B	0L	Grade K - 1
978-1-4777-1614-4	\$6.00	9781477716168	\$13.95	<a href="#">Shapes</a>	Rosen Common Core Math Readers	Rosen Classroom	B	140L	Grade K
978-1-4777-1665-6	\$6.00	9781477716670	\$13.95	<a href="#">Ship Shapes: Identify and Describe Shapes</a>	Rosen Common Core Math Readers	Rosen Classroom	B	90L	Grade K
978-1-4824-5478-9	\$6.95	9781482454819	\$16.95	<a href="#">I Know Shapes</a> <a href="#">Building with Shapes: Analyze, Compare, Create, and Compose Shapes</a>	What I Know	Gareth Stevens	B	70L	Grade K
978-1-4777-1946-6	\$6.00	9781477719480	\$13.95	<a href="#">Create, and Compose Shapes</a>	InfoMax Common Core Math Readers	Rosen Classroom	C	160L	Grade K
978-1-4042-7923-0	\$5.00	9781448837694	\$15.20	<a href="#">Wheels Make it Work</a>	Real Life Readers	Rosen Classroom	C		Grade 1 - 2
978-1-4042-7959-9	\$4.35	9781448837700	\$14.16	<a href="#">Which Weighs More?</a> <a href="#">Name the Missing Shape: Analyze, Compare, Create, and Compose Shapes</a>	Real Life Readers	Rosen Classroom	C	60L	Grade K - 1
978-1-4777-1964-0	\$6.00	9781477719664	\$13.95	<a href="#">Create, and Compose Shapes</a> <a href="#">Heavy and Light: Learning to Compare Weights of Objects</a>	InfoMax Common Core Math Readers	Rosen Classroom	D	170L	Grade K
978-0-8239-8844-0	\$4.35	9781448840632	\$14.16	<a href="#">of Objects</a>	Math for the REAL World	Rosen Classroom	D	180L	Grade K - 1