

NGSS Grade 1

1-PS4 Waves and Their Applications in Technologies for Information Transfer

1-PS4-1. Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.

1-PS4-2. Make observations to construct an evidence-based account that objects in darkness can be seen only when illuminated.

1-PS4-3. Plan and conduct investigations to determine the effect of placing objects made with different materials in the path of a beam of light.

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.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level
978-1-4824-0776-1	\$6.95	9781482407778	\$16.95	What I Hear	My Five Senses	Gareth Stevens	C	230L	Grade K
978-1-4824-0809-6	\$6.95	9781482408119	\$16.95	What I See	My Five Senses	Gareth Stevens	C	190L	Grade K
978-1-5383-2719-7	\$7.00	9781538326879	\$17.70	Light and Dark in Art Class	Opposites at School	PowerKids Press	C		Grade 1
978-1-4824-2577-2	\$6.95	9781482425802	\$16.95	Sort It by Sound	Sort It Out!	Gareth Stevens	C	230L	Grade K - 1
978-1-5081-2434-4	\$5.50	9781508124368	\$13.75	Drums Send a Signal	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D		Grade K - 1
978-1-5081-2643-0	\$5.50	9781508126454	\$13.75	Mr. Adams Shows Us Vibration	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D		Grade K - 1
978-1-5081-2428-3	\$5.50	9781508124306	\$13.75	The Tuning Fork	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D		Grade K - 1
978-1-4777-3242-7	\$7.00	9781477732397	\$18.45	Hearing	Your Five Senses and Your Sixth Sense	Powerkids Press	D	410L	Grade 1 - 2
978-1-4777-2851-2	\$7.00	9781477728529	\$18.45	Sight	Your Five Senses and Your Sixth Sense	Powerkids Press	D	420L	Grade 1 - 2
978-1-5345-2072-1	\$7.00	9781534520752	\$19.68	Light	First Science	KidHaven Publishing	F	530L	Grade 1
978-1-5345-2084-4	\$7.00	9781534520875	\$19.68	Sound	First Science	KidHaven Publishing	F	510L	Grade 1

1-LS1 From Molecules to Organisms: Structures and Processes

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.

1-LS1-2. Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level
978-1-4824-6365-1	\$6.95	9781482463682	\$16.95	Apes and Babies	An Animal Family	Gareth Stevens	C	220L	Grade K
978-1-4824-6369-9	\$6.95	9781482463729	\$16.95	Bears and Cubs	An Animal Family	Gareth Stevens	C	210L	Grade K
978-1-4824-3771-3	\$6.95	9781482437744	\$16.95	Chickens and Chicks	An Animal Family	Gareth Stevens	C	230L	Grade K
978-1-4824-6373-6	\$6.95	9781482463767	\$16.95	Deer and Fawns	An Animal Family	Gareth Stevens	C		Grade K
978-1-4824-6377-4	\$6.95	9781482463804	\$16.95	Dolphins and Calves	An Animal Family	Gareth Stevens	C		Grade K
978-1-4824-6381-1	\$6.95	9781482463842	\$16.95	Foxes and Kits	An Animal Family	Gareth Stevens	C		Grade K
978-1-4824-3775-1	\$6.95	9781482437782	\$16.95	Horses and Foals	An Animal Family	Gareth Stevens	C	280L	Grade K
978-1-4824-3779-9	\$6.95	9781482437829	\$16.95	Koalas and Joeys	An Animal Family	Gareth Stevens	C	260L	Grade K
978-1-4824-6385-9	\$6.95	9781482463880	\$16.95	Owls and Owlets	An Animal Family	Gareth Stevens	C		Grade K
978-1-4824-3783-6	\$6.95	9781482437867	\$16.95	Pigs and Piglets	An Animal Family	Gareth Stevens	C	260L	Grade K
978-1-4824-3787-4	\$6.95	9781482437904	\$16.95	Seals and Pups	An Animal Family	Gareth Stevens	C	220L	Grade K
978-1-4824-3791-1	\$6.95	9781482437942	\$16.95	Tigers and Cubs	An Animal Family	Gareth Stevens	C	240L	Grade K
978-1-4824-4541-1	\$6.95	9781482445299	\$16.95	Birds from Head to Tail	Animals from Head to Tail	Gareth Stevens	C	240L	Grade K
978-1-4824-4542-8	\$6.95	9781482445305	\$16.95	Cats from Head to Tail	Animals from Head to Tail	Gareth Stevens	C	230L	Grade K
978-1-4824-4543-5	\$6.95	9781482445312	\$16.95	Dogs from Head to Tail	Animals from Head to Tail	Gareth Stevens	C	220L	Grade K
978-1-4824-4958-7	\$6.95	9781482445329	\$16.95	Fish from Head to Tail	Animals from Head to Tail	Gareth Stevens	C		Grade K
978-1-4824-4544-2	\$6.95	9781482445336	\$16.95	Hamsters from Head to Tail	Animals from Head to Tail	Gareth Stevens	C	190L	Grade K
978-1-4824-4957-0	\$6.95	9781482445343	\$16.95	Turtles from Head to Tail	Animals from Head to Tail	Gareth Stevens	C		Grade K
978-1-9785-0822-4	\$7.95	9781978508248	\$16.95	How Ducks Grow Up	Animals Growing Up	Enslow Publishing	C		Grade 1 - 2
978-1-4339-9421-0	\$6.95	9781433994234	\$17.70	Big Bison	Great Big Animals	Gareth Stevens	C		Grade K
978-1-5382-0895-3	\$6.95	9781538208984	\$16.95	Colossal Crocodiles	Great Big Animals	Gareth Stevens	C		Grade K
978-1-4339-9425-8	\$6.95	9781433994272	\$17.70	Enormous Elephants	Great Big Animals	Gareth Stevens	C		Grade K
978-1-4339-9429-6	\$6.95	9781433994319	\$17.70	Giant Giraffes	Great Big Animals	Gareth Stevens	C		Grade K
978-1-5382-0899-1	\$6.95	9781538209028	\$16.95	Gigantic Whale Sharks	Great Big Animals	Gareth Stevens	C		Grade K
978-1-4339-9433-3	\$6.95	9781433994357	\$17.70	Great Big Grizzlies	Great Big Animals	Gareth Stevens	C		Grade K
978-1-4339-9437-1	\$6.95	9781433994395	\$17.70	Huge Hippos	Great Big Animals	Gareth Stevens	C		Grade K

978-1-5382-0903-5	\$6.95	9781538209066	\$16.95	Huge Polar Bears	Great Big Animals	Gareth Stevens	C		Grade K
978-1-5382-0907-3	\$6.95	9781538209103	\$16.95	Jumbo Blue Whales	Great Big Animals	Gareth Stevens	C		Grade K
978-1-5382-0911-0	\$6.95	9781538209141	\$16.95	Massive Rhinos	Great Big Animals	Gareth Stevens	C		Grade K
978-1-5382-0915-8	\$6.95	9781538209189	\$16.95	Superlong Anacondas	Great Big Animals	Gareth Stevens	C		Grade K
978-1-4824-1745-6	\$6.95	9781482417470	\$16.95	Bats	Jungle Animals	Gareth Stevens	C		Grade K
978-1-4824-1749-4	\$6.95	9781482417517	\$16.95	Crocodiles	Jungle Animals	Gareth Stevens	C		Grade K
978-1-4824-1753-1	\$6.95	9781482417555	\$16.95	Monkeys	Jungle Animals	Gareth Stevens	C		Grade K
978-1-4824-1757-9	\$6.95	9781482417593	\$16.95	Parrots	Jungle Animals	Gareth Stevens	C		Grade K
978-1-4824-1761-6	\$6.95	9781482417630	\$16.95	Sloths	Jungle Animals	Gareth Stevens	C		Grade K
978-1-4824-1765-4	\$6.95	9781482417678	\$16.95	Toucans	Jungle Animals	Gareth Stevens	C		Grade K
978-1-4042-7917-9	\$5.00	9781448837571	\$15.20	Sharp Teeth, Flat Teeth	Real Life Readers	Rosen Classroom	C	170L	Grade 1 - 2
978-1-5382-1806-8	\$6.95	9781538218051	\$16.95	Your Ears	Your Amazing Body!	Gareth Stevens	C		Grade K
978-1-5382-1810-5	\$6.95	9781538218099	\$16.95	Your Eyes	Your Amazing Body!	Gareth Stevens	C		Grade K
978-1-5382-1814-3	\$6.95	9781538218136	\$16.95	Your Feet	Your Amazing Body!	Gareth Stevens	C		Grade K
978-1-5382-1818-1	\$6.95	9781538218174	\$16.95	Your Hands	Your Amazing Body!	Gareth Stevens	C		Grade K
978-1-5382-1822-8	\$6.95	9781538218211	\$16.95	Your Mouth	Your Amazing Body!	Gareth Stevens	C		Grade K
978-1-5382-1826-6	\$6.95	9781538218259	\$16.95	Your Nose	Your Amazing Body!	Gareth Stevens	C		Grade K
978-0-7660-9636-3	\$7.95	9780766096387	\$16.95	How Bears Grow Up	Animals Growing Up	Enslow Publishing	D		Grade 1 - 2
978-0-7660-9652-3	\$7.95	9780766096547	\$16.95	How Lions Grow Up	Animals Growing Up	Enslow Publishing	D		Grade 1 - 2
978-0-7660-9656-1	\$7.95	9780766096585	\$16.95	How Pandas Grow Up	Animals Growing Up	Enslow Publishing	D		Grade 1 - 2
978-1-9785-0831-6	\$7.95	9781978508330	\$16.95	How Turtles Grow Up	Animals Growing Up	Enslow Publishing	D		Grade 1 - 2
978-1-4042-7963-6	\$4.35	9781448836420	\$14.16	Animal Families	Real Life Readers	Rosen Classroom	D	160L	Grade K - 1
978-0-7660-9640-0	\$7.95	9780766096424	\$16.95	How Eagles Grow Up	Animals Growing Up	Enslow Publishing	E		Grade 1 - 2
978-0-7660-9660-8	\$7.95	9780766096622	\$16.95	How Penguins Grow Up	Animals Growing Up	Enslow Publishing	E		Grade 1 - 2
978-1-5081-4213-3	\$7.00	9781508142157	\$17.70	Why Do Plants Have Flowers?	Plant Parts	Powerkids Press	E	410L	Grade 1
978-1-5081-4221-8	\$7.00	9781508142249	\$17.70	Why Do Plants Have Leaves?	Plant Parts	Powerkids Press	E	350L	Grade 1
978-1-5081-4233-1	\$7.00	9781508142355	\$17.70	Why Do Plants Have Stems?	Plant Parts	Powerkids Press	E	330L	Grade 1
978-1-4358-0037-3	\$6.00	9781448837519	\$16.79	Plant Parts: Roots, Stems, and Leaves	Real Life Readers	Rosen Classroom	E	390L	Grade 2 - 3
978-1-5026-4180-9	\$6.99	9781502641830	\$16.95	Eyes, Ears, and Noses	Animal Structures	Cavendish Square	F		Grade 1
978-1-5026-4192-2	\$6.99	9781502641953	\$16.95	Hair, Fur, and Spines	Animal Structures	Cavendish Square	F		Grade 1
978-1-5026-4277-6	\$6.99	9781502642790	\$16.95	Shells, Scales, and Skin	Animal Structures	Cavendish Square	F		Grade 1
978-1-5026-4301-8	\$6.99	9781502643032	\$16.95	Wings, Legs, and Fins	Animal Structures	Cavendish Square	F		Grade 1
978-1-9785-0819-4	\$7.95	9781978508217	\$16.95	How Dolphins Grow Up	Animals Growing Up	Enslow Publishing	F		Grade 1 - 2
978-0-7660-9664-6	\$7.95	9780766096660	\$16.95	How Whales Grow Up	Animals Growing Up	Enslow Publishing	F		Grade 1 - 2
978-1-5081-4217-1	\$7.00	9781508142201	\$17.70	Why Do Plants Have Fruits?	Plant Parts	Powerkids Press	F	350L	Grade 1

1-LS3 Heredity: Inheritance and Variation of Traits

1-LS3-1. Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level
978-1-4488-8932-7	\$6.00	9781448889341	\$18.91	Seeds and Plants	InfoMax Common Core Readers	Rosen Classroom	C	260L	Grade K
978-1-4488-8983-9	\$7.00	9781448889853	\$18.91	A Tadpole Grows Up	InfoMax Common Core Readers	Rosen Classroom	D	430L	Grade 1
978-1-4994-9520-1	\$5.50	9781499495218	\$13.75	Tadpole Grows Up	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D	410L	Grade 1 - 2
978-1-4994-9255-2	\$5.50	9781499492576	\$13.75	Tadpoles and Frogs	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom		300L	Grade 1 - 2
978-1-4994-0660-3	\$7.00	9781499406634	\$17.70	The Life Cycle of a Beetle	Watch Them Grow!	Powerkids Press	E	380L	Grade 1
978-1-4994-0668-9	\$7.00	9781499406719	\$17.70	The Life Cycle of a Frog	Watch Them Grow!	Powerkids Press	E	320L	Grade 1
978-1-4994-0684-9	\$7.00	9781499406870	\$17.70	The Life Cycle of a Sunflower	Watch Them Grow!	Powerkids Press	E	400L	Grade 1
978-1-4994-0664-1	\$7.00	9781499406672	\$17.70	The Life Cycle of a Chicken	Watch Them Grow!	Powerkids Press	F	360L	Grade 1
978-1-4994-0672-6	\$7.00	9781499406764	\$17.70	The Life Cycle of a Kangaroo	Watch Them Grow!	Powerkids Press	F	520L	Grade 1
978-1-4994-0677-1	\$7.00	9781499406818	\$17.70	The Life Cycle of a Maple Tree	Watch Them Grow!	Powerkids Press	F	370L	Grade 1

1-ESS1 Earth's Place in the Universe

1-ESS1-1. Use observations of the sun, moon, and stars to describe patterns that can be predicted.

1-ESS1-2. Make observations at different times of year to relate the amount of daylight to the time of year.

PB ISBN	PB S&L Price	ebook ISBN	ebook S&L Price	Title	Collection	Publisher	GRL	Lexile	Reading Level
978-1-4824-0100-4	\$6.95	9781482401035	\$17.70	What Happens in Fall?	Four Super Seasons	Gareth Stevens	C	360L	Grade K
978-1-4824-0106-6	\$6.95	9781482401073	\$17.70	What Happens in Spring?	Four Super Seasons	Gareth Stevens	C	260L	Grade K
978-1-4824-0110-3	\$6.95	9781482401110	\$17.70	What Happens in Summer?	Four Super Seasons	Gareth Stevens	C	320L	Grade K
978-1-4824-0114-1	\$6.95	9781482401158	\$17.70	What Happens in Winter?	Four Super Seasons	Gareth Stevens	C	300L	Grade K
978-1-5382-3206-4	\$6.95	9781538229859	\$16.95	Exploring the Night Sky	So Into Science!	Gareth Stevens	C		Grade K
978-1-9785-0930-6	\$7.95	9781978509320	\$16.95	The Moon	Let's Learn About Space	Enslow Publishing	D		Grade 1 - 2
978-1-5081-1548-9	\$5.50	9781508115496	\$13.75	Star Watch	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D	420L	Grade K - 1
978-1-4994-9775-5	\$5.50	9781499497748	\$13.75	Stars in the Sky	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D	410L	Grade 1 - 2
978-1-4994-8413-7	\$7.00	9781499483970	\$18.45	Fall	Seasons of the Year	Windmill Books	E	470L	Grade 1
978-1-4994-8414-4	\$7.00	9781499483987	\$18.45	Spring	Seasons of the Year	Windmill Books	E	470L	Grade 1
978-1-4994-8415-1	\$7.00	9781499483994	\$18.45	Summer	Seasons of the Year	Windmill Books	E	500L	Grade 1
978-1-4994-8416-8	\$7.00	9781499484007	\$18.45	Winter	Seasons of the Year	Windmill Books	E	520L	Grade 1
				Stars at the Science Museum: What Will Happen?					
978-1-5383-5152-9	\$6.00	9781538351536	\$16.95	Happen?	Computer Science for the Real World	Rosen Classroom	F	480L	Grade 1 - 2
978-1-4042-7152-4	\$5.50	9781448835423	\$15.99	The Starry Sky	Neighborhood Readers	Rosen Classroom	F		Grade 1 - 2
978-1-4488-8848-1	\$7.00	9781448888504	\$20.06	Objects in the Sky	Rosen Common Core Readers	Rosen Classroom	F	520L	Grade 1 - 2
978-1-5081-2446-7	\$5.50	9781508124481	\$13.75	Daylight in Winter, Summer, Fall, and Spring	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	F	510L	Grade K - 1
978-0-7660-9406-2	\$8.95	9780766093201	\$18.95	Our Solar System	Space Explorers	Enslow Publishing	F		Grade 2

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
				Making Shapes: Analyze, Compare, Create, and Compose Shapes					
978-1-4777-1656-4	\$6.00	9781477716588	\$13.95	Compose Shapes	Rosen Common Core Math Readers	Rosen Classroom	C	410L	Grade K
978-1-4994-9234-7	\$5.50	9781499492361	\$13.75	My Aunt Is a Scientist	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	C	350L	Grade 1 - 2
				Shapes at Home: Learning to Recognize Basic Geometric Shapes					
978-0-8239-8863-1	\$5.00	9781448840939	\$15.20	Geometric Shapes	Math for the REAL World	Rosen Classroom	D	170L	Grade 1 - 2
978-1-4042-7921-6	\$5.00	9781448837601	\$15.20	Using Measuring Tools	Real Life Readers	Rosen Classroom	D	330L	Grade 1 - 2
				Allie's Art Class: Analyze, Compare, Create, and Compose Shapes					
978-1-4777-1644-1	\$6.00	9781477716465	\$13.95	Compose Shapes	Rosen Common Core Math Readers	Rosen Classroom	D	320L	Grade K
978-1-4994-9477-8	\$5.50	9781499494785	\$13.75	A Home for Sue	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D	440L	Grade 1 - 2
978-1-4994-9760-1	\$5.50	9781499497595	\$13.75	Building a House with Lego	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	D	360L	Grade 1 - 2
978-1-5081-9596-2	\$7.00	9781508195986	\$18.45	Colors and Shapes	My Book Of	Windmill Books	D		Grade K - 1
978-1-4777-2148-3	\$7.00	9781477721506	\$16.95	Drawing Shapes: Shapes and Their Attributes	InfoMax Common Core Math Readers	Rosen Classroom	E	470L	Grade 1
				I Can Draw Shapes: Shapes and Their Attributes					
978-1-4777-2055-4	\$7.00	9781477720578	\$16.95	I Can Draw Shapes: Shapes and Their Attributes	Rosen Common Core Math Readers	Rosen Classroom	E	320L	Grade 1
978-1-5383-5146-8	\$6.00	9781538351475	\$16.95	My Magnet: Fixing a Problem	Computer Science for the Real World	Rosen Classroom	F	390L	Grade 1 - 2
978-1-4994-9802-8	\$5.50	9781499498011	\$13.75	Architects Use Math	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	F	400L	Grade 1 - 2
978-1-5081-1575-5	\$5.50	9781508115762	\$13.75	Blueprint for Pablo	Rosen REAL Readers: STEM and STEAM Collection	Rosen Classroom	F	400L	Grade K - 1