



K

Strand	Title	Standard	Skill	Guiding Question	Vocabulary
EARTH AND SPACE	Brr, It's Cold	TEKS K.8A NGSS K.ESS2-1	I can describe how cold temperatures affect the environment.	How do cold temperatures affect the environment?	<ul style="list-style-type: none"> temperature environment
	Dust Buster	TEKS K.2A NGSS K-2-ETS1-2	I can design a solution to a real-world problem.	How can I design a solution to help protect people from breathing in dust?	<ul style="list-style-type: none"> model
	Find Some Shade	TEKS K.2 NGSS K-ESS3-3	I can think of a way to solve a problem.	How can I stop the sun from burning my skin?	<ul style="list-style-type: none"> sunburn
	Goodnight Sun	TEKS K.8C NGSS K-PS3-1	I can show how the Sun appears to move in the sky each day.	How does the Sun look as it moves across the sky?	<ul style="list-style-type: none"> sun sky position
	Snow Day	TEKS K.2B NGSS K-2-ETS1-2	I can explain how two objects are different.	How are snowflakes unique?	<ul style="list-style-type: none"> compare different same unique
	Splish, Splash	TEKS K.7B K-ESS3-3	I can describe how clear a body of water is.	What makes some bodies of water clearer than others?	<ul style="list-style-type: none"> water clear muddy sun sky position
	Star Light, Star Bright	TEKS K.8C NGSS K-2-ETS1-2	I can build a model of a constellation.	How can I describe patterns I see in the stars?	<ul style="list-style-type: none"> star constellation
	Stellar Stalactites	TEKS K.3B NGSS K-2-ETS1-2	I can describe how structures are formed.	How are stalactites and icicles formed over time?	<ul style="list-style-type: none"> stalactite icicle form structure centimeter
	Wacky Weather	TEKS K.8C NGSS K-ES2-1	I can use clouds to predict the weather.	How can I describe the weather by looking at the clouds?	<ul style="list-style-type: none"> weather clouds

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FORCE, MOTION, AND ENERGY	How Does it Do That?	TEKS K.2 NGSS K-LS1-1	I can ask questions and find answers.	How do self-driving cars keep away from obstacles?	<ul style="list-style-type: none"> self-driving obstacle
	Light Bright	TEKS K.6A NGSS K-2-ETS1-1	I can identify objects that produce light.	What objects can make light?	<ul style="list-style-type: none"> light electricity circuit
	Magnificent Magnets	TEKS K.6B NGSS K-2-ETS1-3	I can identify objects as magnetic or nonmagnetic.	Why do some materials move to the magnet and some do not?	<ul style="list-style-type: none"> magnet magnetic nonmagnetic
	Return to Sender	TEKS K.6D K-PS2-2	I can move objects in different directions.	How can you describe the direction an object is moving?	<ul style="list-style-type: none"> forward backward right left zigzag around boomerang
	Wipe Out	TEKS K.6C NGSS K-PS2-1	I can position an object in a specific location.	How can I describe the position of an object?	<ul style="list-style-type: none"> position
MATTER AND ENERGY	Changing Shapes and Colors	TEKS K.5A NGSS K-PS3-1	I can explore properties like shape and color.	Why do animals change shape and color?	<ul style="list-style-type: none"> shapes colors properties
	I Smell Smoke	TEKS K.2 NGSS K-PS3-1	I can create a complete circuit.	How do smoke detectors use electricity to alert people that there is a fire?	<ul style="list-style-type: none"> smoke detector electricity
	Ice Cream Soup	TEKS K.5B NGSS K-PS3-1	I can explore how heat can change an object.	How might an object change when it is heated?	<ul style="list-style-type: none"> solid liquid heat
	The Brighter, the Better	TEKS K.2 NGSS K-PS3-1	I can ask questions and find answers.	How can you make sure an electric light does not go out?	<ul style="list-style-type: none"> circuit battery connectors
	What Can You See?	TEKS K.8C NGSS K-PS3-1	I can notice properties of clouds.	What shapes can I see in clouds?	<ul style="list-style-type: none"> observations
ORGANISMS AND ENVIRONMENT	Chompers	TEKS K.2	I can ask questions and find answers.	What did dinosaurs use their different shaped-teeth for?	<ul style="list-style-type: none"> dinosaur teeth
	Don't Eat Me	TEKS K.10B NGSS K-LS1-1	I can describe how the parts of an animal help protect it from predators.	How do the parts of animals help protect them from being eaten by predators?	<ul style="list-style-type: none"> protect predator

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ORGANISMS AND ENVIRONMENT	Feed Me	TEKS K.10B NGSS K-LS1-1	I can identify how the parts of a plant help the plant survive.	How do the parts of a plant help the plant survive?	<ul style="list-style-type: none"> plant sunlight
	Feeling Alive	TEKS K.9A NGSS K-LS1-1	I can tell the difference between living and nonliving things.	What is the difference between living and nonliving things?	<ul style="list-style-type: none"> living nonliving need
	Fire Alarm	TEKS K.2A NGSS K-ESS3-3	I can determine ways to help prevent forest fires.	How can I help prevent forest fires?	<ul style="list-style-type: none"> natural cause human cause prevent
	Head for the Hills	TEKS K.9B NGSS K-ESS2-2	I can tell why an animal builds a shelter.	What is the purpose of an ant hill?	<ul style="list-style-type: none"> shelter
	I Need It	TEKS K.9B NGSS K-LS1-1	I can describe what animals need.	What do animals need to live?	<ul style="list-style-type: none"> needs
	It's All About the Feet	TEKS K.2E NGSS K-ESS3-3	I can talk about what I study in science.	What can tracks tell us about the dinosaur that made them?	<ul style="list-style-type: none"> tracks
	Litter Bug	TEKS K.3A NGSS K-ESS3-3	I can protect the environment by recycling materials.	How can recycling help reduce the amount of litter in the environment?	<ul style="list-style-type: none"> litter recycle reuse reduce
	Something Old, Something New	TEKS K.1B NGSS K-ESS3-3	I can show how to reuse materials.	How can materials be reused to be useful again?	<ul style="list-style-type: none"> reuse
	The Best Nest	TEKS K.9B NGSS K-2-ETS1-2	I can show that birds use different materials and designs to build nests.	How do birds use their surroundings to build a nest?	<ul style="list-style-type: none"> environment nest
	Tortoise Time	TEKS K.10B NGSS K-LS1-1	I can describe how an animal's special parts help it survive.	How does an animal's special parts help the animal survive?	<ul style="list-style-type: none"> survive background
	Waiting Out the Winter	TEKS K.9B NGSS K-LS1-1	I can show how some animals change their behavior so they can survive the winter.	How do some animals survive the winter?	<ul style="list-style-type: none"> hibernation
	We Are Family	TEKS K.10C NGSS K-LS1-1	I can identify ways that young plants look like their parent plant.	In what ways does the young plant look like the adult plant?	<ul style="list-style-type: none"> young adult



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EARTH AND SPACE	Blown Away	TEKS 1.8A NGSS 1-ESS1-2	I can record types of weather.	What types of weather happen near you?	<ul style="list-style-type: none"> • wind • weather
	Groundhog Day	TEKS 1.4 NGSS 1-PS4-3	I can design a structure to block the sun.	What can you design to block the path of sunlight on Groundhog Day?	<ul style="list-style-type: none"> • shadow • improvements
	Home Sweet Home	TEKS 1.7C NGSS K-2-ETS1-2	I can create a structure using natural materials.	How can natural materials be used?	<ul style="list-style-type: none"> • structure • materials
	Night Light	TEKS 1.8C NGSS 1-ESS1-2	I can identify the characteristics of the night sky.	How do humans impact the night sky?	<ul style="list-style-type: none"> • pollution • sanctuary
	Share the Sky	TEKS 1.8B NGSS 1-ESS1-1	I can see differences in the day an night sky.	How can the sky look different at different times?	<ul style="list-style-type: none"> • weather
	The Seasons are Changing	TEKS 1.8C NGSS 1-ESS1-2	I can identify characteristics of the seasons of the year.	How do trees change with the seasons?	<ul style="list-style-type: none"> • characteristics • seasons
FORCE, MOTION, AND ENERGY	All Aboard	TEKS 1.2B NGSS 1-PS4-1	I can explore how objects move.	How do batteries help power toys to move?	<ul style="list-style-type: none"> • electric • circuit • movement
	Let the Light In	TEKS 1.4A NGSS 1-PS4-3	I can collect and compare information using tools.	What kinds of materials let light pass through?	<ul style="list-style-type: none"> • light • transparency
	Magnet Magic	TEKS 1.6B NGSS K-2-ETS1-1	I can describe the objects magnets attract.	What type of objects do magnets attract?	<ul style="list-style-type: none"> • magnetic • nonmagnetic
	Making Waves	TEKS 1.7B NGSS 1-PS4-2	I can describe what makes waves in the ocean.	How are waves created in the ocean?	<ul style="list-style-type: none"> • waves • ocean

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FORCE, MOTION, AND ENERGY	Move It, Move It	TEKS 1.6C NGSS K-2-ETS1-2	I can describe the movement of objects.	How can we describe the movement of objects?	<ul style="list-style-type: none"> roll slide movement
	Moving Parts	TEKS 1.6C NGSS 1-PS4-2	I can show different ways that objects can move.	What are the different ways an object can move?	<ul style="list-style-type: none"> movement straight
	Music to my Ears	TEKS 1.6A NGSS 1-PS4-1	I can describe ways that sound is important.	How does music change your the way you feel?	<ul style="list-style-type: none"> sound characteristics
	Share the Load	TEKS 1.2E NGSS K-2-ETS1-1	I can describe what I think after exploring an idea.	How can machines make work easier?	<ul style="list-style-type: none"> machines
MATTER AND ENERGY	Feel the Vibrations	TEKS 1.6B NGSS 1-PS4-1	I can relate sound to vibrations.	How can sound make materials vibrate?	<ul style="list-style-type: none"> sound vibrate vibrations
	Power Struggle	TEKS 1.6A NGSS K-2-ETS1-1	I can determine what makes power stop working.	What causes power to stop working?	<ul style="list-style-type: none"> electricity downed power lines output
	Snow Bright	TEKS 1.6 NGSS 1-PS4-2	I can explain that objects can only be seen when illuminated.	Why is it so bright when it snows?	<ul style="list-style-type: none"> illuminated light dark
	Spinning a Web	TEKS 1.5 NGSS K-2-ETS1-2	I can describe properties of objects.	How does a spider use a pattern to create their web?	<ul style="list-style-type: none"> properties design
ORGANISMS AND ENVIRONMENT	All Shapes and Sizes	TEKS 1.5A NGSS K-2-ETS1-2	I can classify animals into categories	How can you classify animals?	<ul style="list-style-type: none"> heavy light classify categories
	Brrr!	TEKS 1.2 NGSS 1-LS3-1	I can identify how animals' bodies adapt to their environment.	How do animals' bodies adapt to their environments?	<ul style="list-style-type: none"> adapt environment climate
	Creative Conversations	TEKS 1.6A NGSS 1-PS4-4	I can identify ways sound is used to communicate.	How is sound used to communicate?	<ul style="list-style-type: none"> sound communicate
	Found in Nature	TEKS 1.2A NGSS 1-LS1-1	I can ask questions about organisms in the natural world.	How can we use properties of different animals to solve problems?	<ul style="list-style-type: none"> properties organisms

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ORGANISMS AND ENVIRONMENT	Get Off of Me!	TEKS 1.9C NGSS 1-LS1-1	I can describe the interdependence between plants and animals.	How do plants depend on animals?	<ul style="list-style-type: none"> interdependence characteristics
	Gone Fishing	TEKS 1.9C NGSS 1-LS3-1	I can investigate ways that animals benefit from plants.	How do sea creatures benefit from large kelp forests?	<ul style="list-style-type: none"> interdependence
	Hungry Birds	TEKS 1.10A NGSS 1-LS3-1	I can describe how animal body parts affect diet.	How does a bird's beak affect their diet?	<ul style="list-style-type: none"> diet beak
	I Can Help	TEKS 1.9B NGSS K-2-ETS1-2	I can find examples of dependence between people and animals.	How do people and animals depend on each other?	<ul style="list-style-type: none"> dependent
	Let it Grow	TEKS 1.10B NGSS 1-LS1-1	I can identify what plants need to grow.	What do plants need to grow?	<ul style="list-style-type: none"> grow needs
	My Bony Body	TEKS 1.2E NGSS K-2-ETS1-1	I can explain what I see after I study something.	Why do we need bones?	<ul style="list-style-type: none"> bones
	Rot Away	TEKS 1.1 NGSS 1-LS1-2	I can describe how things decompose.	What happens to an object when it decomposes?	<ul style="list-style-type: none"> decompose
	Small and Mighty	TEKS 1.10 NGSS 1-LS1-2	I can explain that animals have external characteristics that help them move heavy things.	How are ants so strong?	<ul style="list-style-type: none"> strength characteristics
	Trash or Treasure	TEKS 1.1B NGSS 1-PS4-1	I can decide what I can recycle and what is trash.	What items can be recycled and reused?	<ul style="list-style-type: none"> recycle reuse
	Undercover Animals	TEKS 1.10A NGSS K-2-ETS1-1	I can explain how an animal's appearance relates to changes in the season.	How does the arctic fox's color change reflect the change in the season?	<ul style="list-style-type: none"> appearance
	When I Grow Up	TEKS 1.10C NGSS 1-LS3-1	I can describe how a young animal looks like an adult animal of the same kind.	How do young animals look similar to and different from adult animals?	<ul style="list-style-type: none"> adult young



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EARTH AND SPACE	Disappearing Land	TEKS 2.7 NGSS 2-ESS2-1	I can design a solution to slow erosion.	How does erosion cause homes and land to disappear?	<ul style="list-style-type: none"> erosion weathering solution
	Earth's Shapes	TEKS 2.7 NGSS 2-ESS2-1	I can investigate Earth's materials and how they change.	How do Earth's shapes change over time?	<ul style="list-style-type: none"> properties formations
	Fly by Night	TEKS 2.8C NGSS K-2-ETS1-1	I can observe patterns of objects in the sky.	How do comets travel?	<ul style="list-style-type: none"> comet
	I Can Use That!	TEKS 2.7C NGSS 2-ESS2-1	I can identify which resources come from nature and which are man-made.	How can man-made resources and natural resources work together?	<ul style="list-style-type: none"> natural resources man-made resources
	Iceberg Ahead!	TEKS 2.5A NGSS 2-ESS2-3	I can explain where water can be found as a liquid or solid on Earth.	Why are icebergs found in cold climates?	<ul style="list-style-type: none"> liquid solid iceberg climate
	Look at That	TEKS 2.8C NGSS K-2-ETS1-2	I can explain the differences in clouds.	How do clouds look different in stormy weather?	<ul style="list-style-type: none"> properties weather
	Moon Phases	TEKS 2.8C NGSS 2-PS1-1	I can identify the different phases of the Moon.	How does the Moon go through a cycle of phases?	<ul style="list-style-type: none"> phases full moon new moon
	Rain, Rain, Go Away	TEKS 2.8A NGSS 2-ESS1-2	I can make a graph and identify patterns.	What can a graph tell you about patterns of weather?	<ul style="list-style-type: none"> graph precipitation temperature
	Watch My Shadow!	TEKS 2.8 NGSS 2-ESS1-1	I can explain the patterns of shadows.	Where do shadows come from?	<ul style="list-style-type: none"> shadows positions

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FORCE, MOTION, AND ENERGY	Hold Up	TEKS 2.5D NGSS 2-PS1-2	I can justify the selection of materials based on their physical properties.	What makes a bridge so strong?	<ul style="list-style-type: none"> physical properties construct
	Light Levels	TEKS 2.6A NGSS K-2-ETS1-1	I can observe how the intensity of light affects the way an object appears.	How does the amount of light an object gets affect how we see it?	<ul style="list-style-type: none"> bright dim LED
	Off and On	TEKS 2.3B NGSS K-2-ETS1-1	I can make a prediction based on a pattern that I see.	How do streetlights turn on by themselves?	<ul style="list-style-type: none"> shade circuit photoresistor
	Shading Places	TEKS 2.2A NGSS 1-PS4-2	I can ask questions about events based on what I see.	What causes shade?	<ul style="list-style-type: none"> shade
MATTER AND ENERGY	Bake a Cake	TEKS 2.5B NGSS 2-PS1-4	I can explain the differences between changes that can be reversed and ones that cannot.	Why can cake ingredients not be separated after baking?	<ul style="list-style-type: none"> reversible ingredients
	Build a House	TEKS 2.5D NGSS 2-LS2-2	I can choose materials to build strong structures based on their properties.	What materials could someone use to build a strong house?	<ul style="list-style-type: none"> structure properties
	Cracking Up	TEKS 2.5C NGSS 2-PS1-A	I can describe how matter can change over time.	What can cause a rock to crack?	<ul style="list-style-type: none"> matter force
	Cruising Carrier	TEKS 2.1 NGSS 2-PS1-2	I can explain why some materials are chosen for a specific purpose.	What materials could be used to build a runway on the water?	<ul style="list-style-type: none"> runway
	Just What I Need	TEKS 2.10A NGSS 2-LS4-1	I can compare how animals use their features to meet their needs.	How did dinosaurs use their different features to meet their needs?	<ul style="list-style-type: none"> features needs
	Make it Bigger	TEKS 2.2E NGSS K-2-ETS1-3	I can use small pieces of matter to create a larger object.	How can you use smaller pieces of matter to create something larger?	<ul style="list-style-type: none"> matter
	Snack Time	TEKS 2.5B NGSS 2-PS1-4	I can describe how heat changes matter.	What makes popcorn pop?	<ul style="list-style-type: none"> matter

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ORGANISMS AND ENVIRONMENT	A Helping Hand	TEKS 2.9C NGSS 2-LS4-D	I can explain interdependent relationships between animals.	How do the red deer and starlings help each other?	• benefit
	Amazing Animals	TEKS 2.9B NGSS 2-LS2-2	I can describe how animals' structures help them survive in the wild.	How do animals' bodies help them survive in the wild?	• structure • survive
	Breathing Plants	TEKS 2.9C NGSS 2-LS2-1	I can describe the importance of plants creating oxygen.	Why is it important for plants to create oxygen?	• oxygen
	Busy Bees	TEKS 2.9C NGSS 2-LS2-A	I can describe how plants depend on animals for pollination.	Why is it important for bees to visit flowers?	• pollinate
	Changing Butterfly	TEKS 2.10C NGSS 2-LS4	I can explain the life cycle of a butterfly.	How do butterflies go through metamorphosis?	• metamorphosis • chrysalis • emerge
	Going Up	TEKS 2.2E NGSS 2-LS2-2	I can make observations and explain the results of an investigation.	How do vertical farms help people while still allowing plants to meet their needs?	• vertical
	Here We Grow!	TEKS 2.9B NGSS K-2-ETS1-2	I can describe how the parts of a plant help it grow.	How does each part of a plant help it grow and survive?	• structure • nutrients
	Little Traveler	TEKS 2.10A NGSS 2-LS2-2	I can explain the process of seed dispersal.	How can seeds travel?	• seed dispersal • travel
	Nature is Art	TEKS 2.2A NGSS K-2-ETS1-1	I can ask questions about organisms.	How can plants and animals show symmetry?	• symmetry
	Sleep Tight	TEKS 2.9B NGSS 2-LS4-1	I can observe changes in the environment that make an animal act differently.	Why do bears hibernate?	• hibernate • survive • habitat
	Squirmy Wormy	TEKS 2.9A NGSS 2-LS4-1	I can explain patterns of invertebrates.	What patterns of movement do worms follow?	• pattern • invertebrate
	Sun Chasers	TEKS 2.9A & 2.10B NGSS 2-LS2-1	I can explain what plants need to survive.	Why do young sunflowers follow the sun?	• survive

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ORGANISMS AND ENVIRONMENT	You Ate What?	TEKS 2.9C NGSS 2-LS2-1	I can explain that plants can have different needs.	How can a plant eat meat?	<ul style="list-style-type: none"> · carnivorous
	What Do You Need?	TEKS 2.9A NGSS 2-LS2-1	I can explain the basic needs of a plant.	How does a plant react when its basic needs are not met?	<ul style="list-style-type: none"> · needs · wilted