

Kindergarten						
	Texas	NGSS	NC	GA	Ohio	Florida
Adapt	<p>Force and Motion: Observing the Way Objects Move</p> <p>Earth and Space: Ways Rocks, Soil, and Water are Useful</p> <p>Process TEKS: K.2(D), K.2(E)</p> <p>Content TEKS: K.6(D), K.7(D)</p>	<p>Force and Motion: Pushes and Pulls</p> <p>PE: K-PS2-1, K-PS2-2</p> <p>SEP: Planning and Carrying Out Investigations, Analyzing and Interpreting Data</p> <p>DCI: PS2.A, PS2.B, PS3.C, ETS1.A</p> <p>CCC: Cause and Effect</p> <p>Earth Systems: Biogeology</p> <p>PE: K-ESS2-2</p> <p>DCI: ESS2.E</p>	<p>Force and Motion: Position and Motion</p>	<p>Motion</p> <p>Earth Materials</p>	<p>Science Inquiry</p>	<p>Motion of Objects</p>
Collaborate	<p>Observing Rocks</p> <p>Process TEKS: K.2(D), K.2(E)</p> <p>Content TEKS: K.7(A)</p>	<p>Obtaining, Evaluating, and Communicating Information</p> <p>SEP: Obtaining, Evaluating, and Communicating Information</p>	<p>Science as Inquiry: Working Collaboratively</p>	<p>Attributes of Rocks</p>	<p>Properties of Objects</p>	<p>The Practice of Science: Collaborating to Collect Information</p>
Communicate	<p>Objects in the Sky</p> <p>Process TEKS: K.2(A), K.2(C), K.2(D), K.2(E), K.3(B), K.4(A), K.4(B)</p> <p>Content TEKS: K.8(A), K.8(B), K.8(C), K.10(A)</p>	<p>Weather Conditions</p> <p>PE: K-ESS2-1</p> <p>SEP: Analyzing and Interpreting Data</p> <p>DCI: Weather and Climate</p> <p>CCC: Patterns</p>	<p>Patterns of Weather</p> <p>Characteristics of Animals</p>	<p>Objects in the Sky</p> <p>Features of Plants and Animals</p>	<p>Patterns in the Sky</p> <p>Traits of Living Things</p>	<p>Living Organisms</p>
Create	<p>Life Cycle of a Plant</p> <p>Process TEKS: K.2(D), K.2(E), K.4(B)</p> <p>Content TEKS: K.10(D)</p>	<p>Obtaining, Organizing, and Evaluating Information</p> <p>SEP: Planning and Carrying Out Investigations, Analyzing and Interpreting Data</p> <p>Obtaining, Organizing, and Evaluating Information</p> <p>CCC: Cause and Effect</p>	<p>Growth of Living Things</p>	<p>Using Senses to Observe Objects</p>	<p>Living Things Grow and Reproduce</p>	<p>Characteristics of Plants</p>

Examine	Using the Senses to Make Observations  Process TEKS: K.2(B), K.2(D), K.2(E), K.4(A), K.4(B)  Content TEKS: K.5(A)	Obtaining, Organizing, and Evaluating Information  SEP: Planning and Carrying Out Investigations, Analyzing and Interpreting Data  Obtaining, Organizing, and Evaluating Information  CCC: Cause and Effect	Physical Properties of Objects	Physical Attributes of Objects  Animal Features	Properties of Objects	Observable Properties  Real Animals vs. Animal characters in Books
Inquire	Plant Growth and Development  Process TEKS: K.2(A), K.2(B), K.2(C), K.2(D), K.2(E), K.3(A), K.3(B), K.4(A), K.4(B)  Content TEKS: K.5(A), K.10(A), K.10(B), K.10(D)	Needs of Plants  PE: K-ESS3-1, K-2-ETS1-2  SEP: Planning and Carrying Out Investigations, Constructing Explanations and Designing Solutions  DCI: ESS3.A, ETS1.B  CCC: Cause and Effect, Structure and Function	Characteristics of Living Things	Features of Plants	Characteristics of Living Things	Observing Plants
Link	Physical Characteristics of Animals  Process TEKS: K.2(A), K.2(B), K.2(D), K.2(E), K.3(B), K.4(B)  Content TEKS: K.10(A)	Obtaining, Evaluating, and Communication Information  SEP: Obtaining, Evaluating, and Communicating Information, Constructing Explanations and Designing Solutions  CCC: Structure and Function	Characteristics of Animals	Similarities and Differences of Offspring  and Parents	Characteristics of Living Things	Organization and Development of Living Organisms
Reflect	Basic Needs  Process TEKS: K.2(A), K.2(B), K.2(D), K.2(E), K.3(B), K.4(B)  Content TEKS: K.9(B)	Animal Survival  PE: K-LS1-1  SEP: Obtaining, Evaluating, and Communicating Information  DCI: LS1.C  CCC: Patterns, Cause and Effect, Structure and Function	Characteristics of Animals	Patterns, Cause and Effect, Structure and Function	Survival of Living Things	Living Organisms
Strive	Using the Senses to Make Observations  Process TEKS: K.2(A), K.2(B), K.2(D), K.2(E), K.4(B)  Content TEKS: K.5(A), K.9(B)	Planning and Carrying Out Investigations  SEP: Planning and Carrying Out Investigations  Analyzing and Interpreting Data, Obtaining, Evaluating, and Communication Information  CCC: Patterns, Cause and Effect	Observing Physical Properties, Characteristics of Living Things	Observing Physical Attributes, Features of Plants	Describing Properties of Objects, Characteristics of Living Things	Observing Properties of Objects, Development of Living Organisms

Grade 1						
	Texas	NGSS	NC	GA	Ohio	Florida
Adapt	<p>Force and Motion: Problems and Solutions</p> <p>Process TEKS: 1.2(B), 1.2(D)</p> <p>Content TEKS: 1.6(C)</p>	<p>Structure and Function: Problems and Solutions</p> <p>PE: K-2-ETS1-2, K-2-ETS1-3</p> <p>SEP: Constructing Explanations and Designing Solutions Developing and Using Models Planning and Carrying Out Investigations Analyzing and Interpreting Data</p> <p>DCI: ETS1.B, ETS1.C</p> <p>CCC: Cause and Effect Structure and Function</p>	Force and Motion	Structure and Function	Motion and Materials	Motion of Objects
Collaborate	<p>Changes to Matter: Proposing Solutions</p> <p>Process TEKS: 1.2(B), 1.2(D), 1.3(A)</p> <p>Content TEKS: 1.5(B)</p>	<p>Engineering Design: Proposing Solutions</p> <p>PE: K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3</p> <p>SEP: Constructing Explanations and Designing Solutions Developing and Using Models, Planning and Carrying Out Investigations Analyzing and Interpreting Data</p> <p>DCI: PS3.B: Conservation of Energy and Energy Transfer ETS1.B: Developing Possible Solutions ETS1.C: Optimizing the Design Solution</p> <p>CCC: Cause and Effect Structure and Function</p>	Science as Inquiry: Working Collaboratively	Engineering Design: Proposing Solutions	Heating and Cooling	Properties of Matter

<p>Communicate</p>	<p>Survival of Organisms: Observations in the Natural World</p> <p>Process TEKS: 1.2(A) Content TEKS: 1.9(B), 1.9(C)</p>	<p>Survival of Organisms: Patterns of Behavior</p> <p>PE: 1-LS1-2, 1-LS3-1</p> <p>SEP: Obtaining, Evaluating, and Communicating Information</p> <p>DCI: LS1.D, LS2.A, LS1.B, LS1.A</p> <p>CCC: Cause and Effect Structure and Function</p>	<p>Survival of Organisms</p>	<p>Patterns</p>	<p>Living Things</p>	<p>Observing Living Things</p>
<p>Create</p>	<p>Force and Motion: Proposing Solutions</p> <p>Process TEKS: 1.2(B), 1.2(D), 1.3(A), 1.3(C) Content TEKS: 1.6(C)</p>	<p>Structure and Function: Designing Solutions</p> <p>PE: K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3</p> <p>SEP: Constructing Explanations and Designing Solutions Developing and Using Models Planning and Carrying Out Investigations Analyzing and Interpreting Data</p> <p>DCI: PS3.B ETS1.B ETS1.C</p> <p>CCC: Cause and Effect Structure and Function</p>	<p>Force and Motion</p>	<p>Structure and Function: Designing Solutions</p>	<p>Motion and Materials</p>	<p>Motion of Objects</p>

<p>Examine</p>	<p>Wind: Descriptive Investigations</p> <p>Process TEKS: 1.2(B), 1.2(D), 1.2(E), 1.3(C)</p> <p>Content TEKS: 1.8(D)</p>	<p>Biomimicry: Structure and Function</p> <p>PE: 1-LS1-1</p> <p>SEP: Constructing Explanations and Designing Solutions Developing and Using Models Analyzing and Interpreting Data Planning and Carrying Out Investigations</p> <p>DCI: ETS1.B, ETS1.C</p> <p>CCC: Patterns. Cause and Effect. Structure and Function</p> <p>Interdependence of Science, Engineering, and Technology</p>	<p>Science as Inquiry: Simple Investigations</p>	<p>Engineering Design: Structure and Function</p>	<p>Motion and Materials</p>	<p>Motion of Objects</p>
<p>Inquire</p>	<p>Observing Organisms in the Natural World: Understanding What Scientists Do</p> <p>Process TEKS: 1.2(A), 1.2(C), 1.2(D), 1.3(B), 1.3(C), 1.4(A)</p>	<p>Information Processing: Patterns of Animal Behavior</p> <p>SEP: Analyzing and Interpreting Data Obtaining, Evaluating, and Communicating Information Asking Questions and Defining Problems Planning and Carrying Out Investigations</p> <p>DCI: LS1.A: Structure and Function LS1.D: Information Processing</p> <p>CCC: Patterns Structure and Function</p>	<p>Science as Inquiry: Observing Organisms</p>	<p>Obtaining, Evaluating, and Communicating Information</p>	<p>Living Things</p>	<p>Observing Living Things</p>

Link	<p>External Characteristics of Animals: Proposing Solutions</p> <p>Process TEKS: 1.2(A), 1.3(A), 1.3(C)</p> <p>Content TEKS: 1.10(A)</p>	<p>Inspired by Animals: Designing Solutions</p> <p>PE: 1-LS1-1, K-2-ETS1-1, K-2-ETS1-2</p> <p>SEP: Asking Questions and Defining Problems  Constructing Explanations and Designing Solutions  Developing and Using Models</p> <p>DCI: LS1.A, ETS1.A, ETS1.A</p> <p>CCC: Structure and Function Influence of Engineering, Technology, and Science on Society and the Natural World</p>	Science as Inquiry	Designing Solutions	Living Things	Living Things
Reflect	<p>Force and Motion: Making Predictions</p> <p>Process TEKS: 1.2(B), 1.3(B), 1.4(A)</p> <p>Content TEKS: 1.6(C), 1.6(B)</p>	<p>Cause and Effect: Obtaining, Evaluating, and Communicating Information</p> <p>SEP: Obtaining, Evaluating, and Communicating Information  Planning and Carrying Out Investigations</p> <p>DCI: PS2.A</p> <p>CCC: Cause and Effect</p>	Force and Motion: Pushes and Pulls	Cause and Effect: Obtaining, Evaluating, and Communicating Information	Motion and Materials	Force and Changes in Motion: Pushes and Pulls
Strive	<p>Making Detailed Observations: Understanding What Scientists Do</p> <p>Process TEKS: 1.2(A), 1.2(C), 1.3(C)</p>	<p>Scale, Proportion, and Quantity: Obtaining, Evaluating, and Communicating Information</p> <p>SEP: Obtaining, Evaluating, and Communicating Information</p> <p>CCC: Scale, Proportion, and Quantity</p>	Science as Inquiry: Making Detailed Observations	Scale, Proportion, and Quantity: Obtaining, Evaluating, and Communicating Information	Science Inquiry	Nature of Science: Making Careful Observations

Grade 2						
	Texas	NGSS	NC	GA	Ohio	Florida
Adapt	<p>Force and Motion: Conducting Simple Investigations</p> <p>Process TEKS: 2.2(B), 2.2(D), 2.2(E)</p> <p>Content TEKS: 2.6(C)</p>	<p>Optimizing the Solution: Conducting Tests to Compare Strengths and Weaknesses</p> <p>PE: K-2-ETS1-3</p> <p>SEP: Constructing Explanations and Designing Solutions Planning and Carrying Out Investigations</p> <p>DCI: ETS1.B, ETS1.C, PS2.A:</p> <p>CCC: Cause and Effect Structure and Function Stability and Change Patterns</p>	<p>Science as Inquiry: Conducting Investigations</p>	<p>Forces: Testing Solutions</p>	<p>Changes in Motion</p>	<p>Forces and Changes in Motion</p>
Collaborate	<p>Organisms and Environments</p> <p>Process TEKS: 2.2(A), 2.2(D)</p>	<p>Animals and Their Environments: Biodiversity in Different Habitats</p> <p>PE: 2-LS4-1</p> <p>DCI: LS4.D CCC: Patterns Systems and System Models</p>	<p>Science as Inquiry: Working Collaboratively</p>	<p>Patterns</p>	<p>Interactions within Habitats</p>	<p>Habitats</p>

<p>Communicate</p>	<p>Describing and Classify Matter by Physical Properties: Communicating Observations</p> <p>Process TEKS: 2.1(A), 2.2(D), 2.2(E), 2.4(B)</p> <p>Content TEKS: 2.5(A)</p>	<p>Describing and Classify Matter by Physical Properties: Communicating Observations</p> <p>PE: 2-PS1-1</p> <p>SEP: Planning and Carrying Out Investigations</p> <p>Obtaining, Evaluating, and Communicating Information</p> <p>DCI: PS1.A CCC:</p> <p>Patterns</p> <p>Energy and Matter</p>	<p>Science as Inquiry: Making Observations</p>	<p>Describing and Classify Matter by Physical Properties: Communicating Observations</p>	<p>Scientific Inquiry</p>	<p>Describing and Classify Matter by Physical Properties: Communicating Observations</p>
<p>Create</p>	<p>Organisms and Environments: Basic Needs of Animals</p> <p>Process TEKS: 2.2(A), 2.2(D)</p> <p>Content TEKS: 2.9(A), 2.10(A)</p>	<p>Animal Habitats</p> <p>PE: 2-LS4-1</p> <p>DCI: LS4.D CCC:</p> <p>Patterns</p> <p>Systems and System Models</p>	<p>Living Organisms</p>	<p>Designing Solutions</p>	<p>Technology and Engineering</p>	<p>Basic Needs of Animals</p>
<p>Examine</p>	<p>Physical Characteristics of Animals and Plants</p> <p>Process TEKS: 2.2(A), 2.2(D)</p> <p>Content TEKS: 2.10(A), 2.10(B)</p>	<p>Structure and Function</p> <p>PE: 2-LS4-1</p> <p>SEP: Asking Questions and Defining Problems</p> <p>DCI: LS4.D CCC: Structure and Function</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	<p>Structures and Functions of Living Organisms</p>	<p>Structure and Function</p>	<p>Interactions within Habitats</p>	<p>Basic Needs of Animals</p>



<p>Inquire</p>	<p>Asking Questions about Organisms</p> <p>Process TEKS: 2.2(A), 2.3(C), 2.2(B), 2.2(C), 2.2(D), 2.2(E), 2.2(F)</p> <p>Content TEKS: 2.10(A)</p>	<p>Asking Questions about Organisms</p> <p>PE: 2-LS4-1</p> <p>SEP: Asking Questions and Defining Problems</p> <p>Planning and Carrying Out Investigations</p> <p>Analyzing and Interpreting Data</p> <p>Constructing Explanations and Designing Solutions</p> <p>Obtaining, Evaluating, and Communicating Information</p> <p>DCI: LS4.D CCC: Structure and Function</p>	<p>Science as Inquiry: Asking Questions about Organisms</p>	<p>Asking Questions about Organisms</p>	<p>Interactions within Habitats</p>	
<p>Link</p>	<p>Physical Characteristics and Behaviors of Animals: Meeting Basic Needs</p> <p>Process TEKS: 2.2(A), 2.2(D)</p> <p>Content TEKS: 2.9(A), 2.10(A), 2.9(C)</p>	<p>Biodiversity and Humans: Engaging in Argument from Evidence</p> <p>PE: 2-LS4-1</p> <p>SEP: Asking Questions and Defining Problems</p> <p>Obtaining, Evaluating, and Communicating Information</p> <p>Engaging in Argument from Evidence</p> <p>DCI: LS4.D CCC: Structure and Function</p> <p>Cause and Effect</p> <p>Systems and System Models</p>	<p>Living Organisms</p>	<p>Engaging in Argument from Evidence</p>	<p>Interactions within Habitats</p>	<p>Basic Needs of Animals</p>

<p>Reflect</p>	<p>Planning and Conducting Investigations: Understanding What Scientists Do</p> <p>Process TEKS: 2.2(A), 2.2(B), 2.2(D), 2.3(C), 2.2(C), 2.4(A), 2.4(B)</p>	<p>Developing and Optimizing Design Solutions</p> <p>PE: K-2-ETS1-2, K-2-ETS1-3</p> <p>SEP: Constructing Explanations and Designing Solutions Developing and Using Models Planning and Carrying Out Investigations Analyzing and Interpreting Data Using Mathematics and Computational Thinking</p> <p>DCI: ETS1.B, ETS1.C</p> <p>CCC: Cause and Effect Structure and Function</p>	<p>Science as Inquiry: Conducting Investigations</p>	<p>Forces: Testing Solutions</p>	<p>Changes in Motion</p>	<p>Forces and Changes in Motion</p>
<p>Strive</p>	<p>Changes to Matter</p> <p>Process TEKS: 2.2(B), 2.2(D), 2.1(A)</p> <p>Content TEKS: 2.5(A), 2.5(B), 2.5(C)</p>	<p>Changes to Matter</p> <p>PE: 2-PS1-1, 2-PS1-4</p> <p>SEP: Planning and Carrying Out Investigations</p> <p>DCI: PS1.A, PS1.B</p> <p>CCC: Patterns Cause and Effect Energy and Matter</p>	<p>Changes to Matter</p>	<p>Changes to Matter</p>	<p>Scientific Inquiry</p>	<p>Changes in Matter</p>

Grade 3						
	Texas	NGSS	NC	GA	Ohio	Florida
Adapt	Exploring Sound Energy  Content TEKS: 3.6(A)  Process TEKS: 3.1(B), 3.2(A)	Generating Solutions  PE: 3-5-ETS1-2  SEP: Constructing Explanations and Designing Solutions  Planning and Carrying Out Investigations  Analyzing and Interpreting Data  DCI: ETS1.B  CCC: Patterns  Cause and Effect  Systems and System Models	Science as Inquiry: Finding Solutions	Constructing Explanations and Designing Solutions	Exploring Sound Energy	Exploring Sound Energy
Collaborate	Forming Conclusions  Process TEKS: 3.2(F)	Social Interactions and Group Behavior of Animals  PE: 3-LS2-1.  SEP: Analyzing and Interpreting Data  Obtaining, Evaluating, and Communicating Information  DCI: LS2.D  CCC: Cause and Effect	Science as Inquiry: Working Collaboratively	Obtaining, Evaluating, and Communicating Information	Animal Behavior	Nature of Science: Working Collaboratively

Communicate	History of Science Process TEKS: 3.3(C)	Exploring Patterns: Obtaining, Evaluating, and Communicating Information  SEP: Obtaining, Evaluating, and Communicating Information  CCC: Patterns  Scale, Proportion, and Quantity	Patterns of the Stars	Exploring Patterns: Obtaining, Evaluating, and Communicating Information	Scientific Inquiry	Stars
Create	Conservation of Natural Resources Process TEKS: 3.1(B) Content TEKS: 3.7(C)	Developing Possible Solutions PE: 3-5-ETS1-2 SEP: Constructing Explanations and Designing Solutions  DCI: ETS1.B  CCC: Structure and Function  Influence of Engineering, Technology, and Science on Society and the Natural World	Science as Inquiry: Finding Solutions	Conservation of Natural Resources: Developing Possible Solutions	Conservation of Resources	Nature of Science
Examine	Science Careers: Analyzing and Interpreting Data Process TEKS: 3.2(D), 3.2(F), 3.3(C)	Influence of Engineering, Technology, and Science on Society and the Natural World: Analyzing and Interpreting Data  SEP: Analyzing and Interpreting Data  Constructing Explanations and Designing Solutions  CCC: Patterns  Influence of Engineering, Technology, and Science on Society and the Natural World	Structures and Functions of Living Organisms	Analyzing and Interpreting Data	Scientific Inquiry	Nature of Science: Infer Based on Observations

<p>Inquire</p>	<p>Force and Motion: Developing and Revising Models</p> <p>Process TEKS: 3.3(B), 3.3(C), 3.2(A), 3.2(B), 3.2(D), 3.2(F)</p> <p>Content TEKS: 3.6(B), 3.6(C)</p>	<p>Force and Motion: Testing Possible Solutions</p> <p>PE: 3-PS2-1, 3-5-ETS1-2, 3-PS2-2, 3-5-ETS1-3</p> <p>SEP: Planning and Carrying Out Investigations</p> <p>Constructing Explanations and Designing Solutions</p> <p>DCI: PS2.A, ETS1.B, ETS1.C</p> <p>CCC: Patterns Cause and Effect</p> <p>Interdependence of Science, Engineering, and Technology</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	<p>Force and Motion</p>	<p>Constructing Explanations and Designing Solutions</p>	<p>Scientific Inquiry</p>	<p>Motion</p>
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<p>Link</p>	<p>Drawing and Sketching in Science: Making Detailed Observations</p> <p>Process TEKS: 3.2(C), 3.2(F), 3.3(B), 3.3(C)</p> <p>Content TEKS: 3.5(B), 3.10(B)</p>	<p>Interdependence of Science, Engineering, and Technology: Developing and Using Models</p> <p>PE: 3-LS1-1</p> <p>SEP: Developing and Using Models</p> <p>DCI: LS1.B: Growth and Development of Organisms</p> <p>ETS1.B: Developing Possible Solutions</p> <p>CCC: Patterns Systems and System Models Scale, Proportion, and Quantity</p> <p>Interdependence of Science, Engineering, and Technology</p>	<p>Science as Inquiry: Drawing Detailed Observations</p>	<p>Developing and Using Models</p>	<p>Scientific Inquiry</p>	<p>Nature of Science: Keeping Appropriate Records</p>
<p>Reflect</p>	<p>Planets: Earth's Solar System</p> <p>Process TEKS: 3.2(C), 3.2(F), 3.3(C)</p> <p>Content TEKS: 3.8(D)</p>	<p>Obtaining, Evaluating, and Communicating Information</p> <p>SEP: Asking Questions and Defining Problems Analyzing and Interpreting Data</p> <p>Obtaining, Evaluating, and Communicating Information</p> <p>DCI: ESS1.B</p> <p>CCC: Scale, Proportion, and Quantity Systems and System Models</p>	<p>Planets: Earth's Solar System</p>	<p>Obtaining, Evaluating, and Communicating Information</p>	<p>Scientific Inquiry</p>	<p>Nature of Science</p>

Strive	<p>Investigating Force and Motion</p> <p>Process TEKS: 3.2(A), 3.2(F)</p> <p>Content TEKS: 3.6(B), 3.6(C)</p>	<p>Investigating Force and Motion</p> <p>PE: 3-PS2-1, 3-PS2-2, 3-PS2-3</p> <p>SEP: Planning and Carrying Out Investigations</p> <p>DCI: PS2.A, PS2.B</p> <p>CCC: Patterns Cause and Effect</p>	Investigating Force and Motion	Planning and Carrying Out Investigations	Scientific Inquiry	Motion
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Grade 4						
	Texas	NGSS	NC	GA	Ohio	Florida
Adapt	Structure, Function, and Survival  Process TEKS: 4.2(D), 4.2(A)  Content TEKS: 4.10(A)	Structure, Function, and Survival  PE: 4-LS1-1  SEP:  Constructing Explanations and Designing Solutions  Planning and Carrying Out Investigations  DCI:  LS1.A  CCC:  Cause and Effect  Structure and Function	Survival	Structure and Function	Living Organisms	Characteristics of Animals
Collaborate	Behaviors in Animals  Process TEKS: 4.2(D)  Content TEKS: 4.10(B)	Information Processing and Response: Obtaining, Evaluating, and Communicating Information  PE: 4-LS1-2  SEP:  Obtaining, Evaluating, and Communicating Information  DCI:  LS1.D: Information Processing  CCC:  Cause and Effect  Systems and System Models	Behaviors in Animals	Obtaining, Evaluating, and Communicating Information	Living Organisms	Behaviors in Animals



<p>Communicate</p>	<p>History of Science: Forms of Energy</p> <p>Process TEKS: 4.3(C), 4.2(A)</p> <p>Content TEKS: 4.6(A), 4.6(C)</p>	<p>Patterns and Information Transfer: Information Technologies and Instrumentation</p> <p>PE: 4-PS4-3, 3-5-ETS1-2, 3-5-ETS1-3.</p> <p>SEP: Obtaining, Evaluating, and Communicating Information</p> <p>Constructing Explanations and Designing Solutions</p> <p>DCI: PS4.C, ETS1.C</p> <p>CCC: Patterns</p> <p>Interdependence of Science, Engineering, and Technology</p>	<p>Energy Transfer</p>	<p>Communicating Across a Distance</p>	<p>Energy Transfer</p>	<p>Forms of Energy</p>
<p>Create</p>	<p>Science Careers: Engineering</p> <p>Process TEKS: 4.3(C), 4.4(A)</p>	<p>Influence of Engineering, Technology, and Science on Society and the Natural World: Developing Solutions</p> <p>PE: 3-5-ETS1-1, 3-5-ETS1-2</p> <p>SEP: Constructing Explanations and Designing Solutions Obtaining, Evaluating, and Communicating Information</p> <p>DCI: ETS1.A, ETS1.B</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	<p>Finding Solutions</p>	<p>Constructing Explanations and Designing Solutions</p>	<p>Technology and Engineering</p>	<p>Nature of Science: Science Involves Creativity</p>

Examine	<p>Investigating the Needs of Producers: Analyzing and Interpreting Data</p> <p>Process TEKS: 4.2(B), 4.2(C), 4.2(D), 4.2(F), 4.3(C), 4.2(A), 4.2(E)</p> <p>Content TEKS: 4.9(A)</p>	<p>Survival and Growth of Plants: Analyzing and Interpreting Data</p> <p>PE: 4-LS1-1.</p> <p>SEP: Analyzing and Interpreting Data</p> <p>Using Mathematics and Computational Thinking</p> <p>Constructing Explanations and Designing Solutions</p> <p>Obtaining, Evaluating, and Communicating Information</p> <p>Asking Questions and Defining Problems</p> <p>Designing and Carrying Out Investigations DCI: LS1.A</p> <p>CCC: Patterns Cause and Effect Structure and Function</p>	Science as Inquiry: Creating Reasonable Explanations	Investigating the Needs of Producers: Analyzing and Interpreting Data	Living Organisms	Investigating the Needs of Producers
Inquire	<p>Contributions of Scientists</p> <p>Process TEKS: 4.3(C)</p>	<p>Interdependence of Science, Engineering, and Technology: Obtaining, Evaluating, and Communicating Information</p> <p>SEP: Obtaining, Evaluating, and Communicating Information</p> <p>Interdependence of Science, Engineering, and Technology</p>	Science as Inquiry	Obtaining, Evaluating, and Communicating Information	Scientific Inquiry	Nature of Science: Raising Questions about the Natural World

Link	<p>Structure and Function: Thinking like an Engineer</p> <p>Process TEKS: 4.3(C)</p> <p>Content TEKS: 4.7(C), 4.9(A), 4.10(A)</p>	<p>Generating Solutions: Biomimicry</p> <p>PE: 4-ESS3-2, 3-5-ETS1-1, 3-5-ETS1-2</p> <p>SEP: Asking Questions and Defining Problems  Constructing Explanations and Designing Solutions</p> <p>DCI: ESS3.B, ETS1.A, ETS1.B</p> <p>CCC: Cause and Effect</p> <p>Influence of Science, Engineering and Technology on Society and the Natural World</p>	Finding Solutions	Constructing Explanations and Designing Solutions	Technology and Engineering	Nature of Science
Reflect	<p>Earth and Space: History of Science</p> <p>Process TEKS: 4.3(C)</p> <p>Content TEKS: 4.8(C)</p>	<p>Influence of Engineering, Technology, and Science on Society and the Natural World: Obtaining, Evaluating, and Communicating Information</p> <p>SEP: Obtaining, Evaluating, and Communicating</p> <p>Information</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	Earth and the Universe	Earth and Space Science	Scientific Inquiry	Earth in Space and Time

<p>Strive</p>	<p>Critical Thinking and Scientific Problem Solving</p> <p>Process TEKS: 4.3(B), 4.3(C)</p> <p>Content TEKS: 4.10(A)</p>	<p>Structure and Function: Designing Multiple Solutions</p> <p>PE: 4-LS1-1, 3-5-ETS1-2</p> <p>SEP: Constructing Explanations and Designing Solutions</p> <p>DCI: LS1.A, ETS1.B:</p> <p>CCC: Cause and Effect</p> <p>Structure and Function</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	<p>Science as Inquiry: Finding Solutions</p>	<p>Constructing Explanations and Designing Solutions</p>	<p>Technology and Engineering</p>	<p>Nature of Science</p>
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Grade 5						
	Texas	NGSS	NC	GA	Ohio	Florida
Adapt	<p>Force and Motion</p> <p>Process TEKS: 5.2(D), 5.3(B)</p> <p>Content TEKS: 5.6(D), 3.6(B)</p>	<p>Forces and Interactions</p> <p>PE: 5-PS2-1</p> <p>SEP: Developing and Using Models Constructing Explanations and Designing Solutions</p> <p>DCI: PS2.B</p> <p>CCC: Cause and Effect</p>	Force and Motion	Analyzing and Interpreting Data	Force and Motion	Forces and Changes in Motion
Collaborate	<p>Science Tools and Equipment</p> <p>Process TEKS: 5.1(B), 5.3(C), 5.4(A)</p> <p>Content TEKS: 5.8(A), 4.8(A)</p>	<p>Planning and Carrying Out Investigations: Using Tools to Make Measurements</p> <p>PE: 5-PS1-3, 5-ESS3-1</p> <p>SEP: Planning and Carrying Out Investigations</p> <p>CCC: Structure and Function</p>	Science as Inquiry: Using Tools	Planning and Carrying Out Investigations	Scientific Inquiry	Nature of Science: Planning and Carrying Out Investigations
Communicate	<p>Contributions of Scientists</p> <p>Process TEKS: 5.3(C)</p>	<p>Influence of Engineering, Technology, and Science on Society and the Natural World: Obtaining, Evaluating, and Communicating Information</p> <p>SEP: Obtaining, Evaluating, and Communicating Information</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	Science as Inquiry	Obtaining, Evaluating, and Communicating Information	Scientific Inquiry	Nature of Science: Planning and Carrying Out Investigations

<p>Create</p>	<p>Forms of Energy</p> <p>Process TEKS: 5.1(B), 5.3(C)</p> <p>Content TEKS: 5.6(A)</p>	<p>Energy and Matter: Generating Solutions</p> <p>PE: 3-5-ETS1-1, 3-5-ETS1-2, 5-ESS3-1</p> <p>SEP: Asking Questions and Defining Problems</p> <p>Constructing Explanations and Designing Solutions</p> <p>DCI: ETS1.A, ETS1.B</p> <p>CCC: Energy and Matter</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	<p>Energy</p>	<p>Constructing Explanations and Designing Solutions</p>	<p>Technology and Engineering</p>	<p>Forms of Energy</p>
<p>Examine</p>	<p>Shadows: Using Notebooks to Collect, Analyze, and Form Conclusions from Data</p> <p>Process TEKS: 5.1(B), 5.3(C)</p> <p>Content TEKS: 5.8(C), 4.8(C)</p>	<p>Shadows: Analyzing and Interpreting Data</p> <p>PE: 5-ESS1-2</p> <p>SEP: Planning and Carrying Out Investigations</p> <p>Analyzing and Interpreting Data</p> <p>Using Mathematics and Computational Thinking</p> <p>Constructing Explanations and Designing Solutions</p> <p>DCI: ESS1.B</p> <p>CCC: Patterns</p>	<p>Science as Inquiry: Recognizing Patterns in Data</p>	<p>Analyzing and Interpreting Data</p>	<p>Cycles and Patterns in the Solar System</p>	<p>Nature of Science: Planning and Carrying Out Investigations</p>

<p>Inquire</p>	<p>Generating Testable Questions and Planning Investigations</p> <p>Process TEKS: 5.2(A), 5.2(B), 5.2(C), 5.3(C), 5.3(D), 5.2(E), 5.2(F), 5.3(A), 5.4(A), 5.1(B)</p>	<p>Generating Testable Questions and Planning Investigations</p> <p>SEP: Asking Questions and Defining Problems</p> <p>Developing and Using Models</p> <p>Planning and Carrying Out Investigations</p> <p>Analyzing and Interpreting Data</p> <p>Using Mathematics and Computational Thinking</p> <p>Constructing Explanations and Designing Solutions</p> <p>Engaging In Argument from Evidence</p> <p>Obtaining, Evaluating, and Communicating Information</p>	<p>Science as Inquiry: Asking Testable Questions and Planning Investigations</p>	<p>Planning and Carrying Out Investigations</p>	<p>Scientific Inquiry</p>	<p>Nature of Science: Planning and Carrying Out Investigations</p>
<p>Link</p>	<p>Science Careers: Engineering</p> <p>Process TEKS: 5.3(C)</p>	<p>Influence of Engineering, Technology, and Science on Society and the Natural World: Developing Solutions</p> <p>PE: 3-5-ETS1-1, 3-5-ETS1-2</p> <p>SEP: Asking Questions and Defining Problems</p> <p>Constructing Explanations and Designing Solutions</p> <p>DCI: ETS1.A, ETS1.B</p> <p>CCC: Cause and Effect</p> <p>Structure and Function</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	<p>Science as Inquiry: Finding Solutions</p>	<p>Constructing Explanations and Designing Solutions</p>	<p>Technology and Engineering</p>	<p>Nature of Science</p>

<p>Reflect</p>	<p>Sink and Float: Planning and Carrying Out Investigations</p> <p>Process TEKS: 5.2(A), 5.2(D), 5.2(E), 5.2(F), 5.2(C)</p> <p>Content TEKS: 5.5(A), 5.6(D)</p>	<p>Planning and Carrying Out Investigations</p> <p>SEP: Planning and Carrying Out Investigations Analyzing and Interpreting Data</p>	<p>Science as Inquiry: Planning and Carrying Out Investigations</p>	<p>Planning and Carrying Out Investigations</p>	<p>Scientific Inquiry</p>	<p>Nature of Science: Planning and Carrying Out Investigations</p>
<p>Strive</p>	<p>Contributions of Scientists</p> <p>Process TEKS: 5.3(C)</p>	<p>Influence of Engineering, Technology, and Science on Society and the Natural World: Obtaining, Evaluating, and Communicating Information</p> <p>Obtaining, Evaluating, and Communicating Information</p> <p>Information</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	<p>Science as Inquiry</p>	<p>Obtaining, Evaluating, and Communicating Information</p>	<p>Scientific Inquiry</p>	<p>Nature of Science</p>



Grade 6						
	Texas	NGSS	NC	GA	Ohio	Florida
Adapt	<p>Organisms and Environments: Analyzing and Interpreting Data</p> <p>Process TEKS: 6.2(E), 6.3(B), 6.3(D)</p> <p>Content Standards: 6.12(E)</p>	<p>Matter and Energy Transfer: Developing and Revising Models</p> <p>PE: MS-LS1-5, MS-LS1-6, MS-LS2-1, MS-LS2-3</p> <p>SEP: Developing and Using Models Analyzing and Interpreting Data Constructing Explanations and Designing Solutions</p> <p>DCI: LS1.B, LS1.C, LS2.A, LS2.B</p> <p>CCC: Cause and Effect Systems and System Models Energy and Matter</p>	Ecosystems	Analyzing and Interpreting Data	Scientific Inquiry	Nature of Science: Models

Collaborate	<p>Chemical Changes: Evaluating Investigation Plans</p> <p>Process TEKS: 6.2(B), 6.2(D), 6.2(E), 6.3(A)</p> <p>Content Standard: 6.5(C)</p>	<p>Chemical Reactions and Conservation of Mass: Evaluating Investigation Plans</p> <p>PE: MS-PS1-2, MS-PS1-3, MS-PS1-5</p> <p>SEP: Developing and Using Models Planning and Carrying Out Investigations Analyzing and Interpreting Data Using Mathematics and Computational Thinking Constructing Explanations and Designing Solutions</p> <p>DCI: PS1.A</p> <p>CCC: Cause and Effect Energy and Matter Scale, Proportion, and Quantity</p>	Science as Inquiry	Planning and Carrying Out Investigations	Scientific Inquiry	Nature of Science: Planning and Carrying Out Investigations
Communicate	<p>Characteristics of Organisms</p> <p>Process TEKS: 6.3(D)</p> <p>Content TEKS: 6.12(D)</p>	<p>Analyzing and Interpreting Data</p> <p>SEP: Analyzing and Interpreting Data Obtaining, Evaluating, and Communicating Information</p> <p>DCI: MS-LS1-1</p> <p>CCC: Patterns Structure and Function</p>	Science as Inquiry	Analyzing and Interpreting Data	Scientific Inquiry	Classification of Organisms

<p>Create</p>	<p>Conservation of Resources</p> <p>Process TEKS: 6.1(B)</p>	<p>Human Impacts on Earth Systems: Designing Solutions</p> <p>PE: MS-ESS3-3, MS-ETS1-1, MS-ETS1-2</p> <p>SEP: Constructing Explanations and Designing Solutions</p> <p>DCI: ESS3.C</p> <p>CCC: Cause and Effect</p> <p>Influence of Science, Engineering, and Technology on Society and the Natural World</p>	<p>Science as Inquiry</p>	<p>Conservation of Resources</p>	<p>Scientific Inquiry</p>	<p>Nature of Science</p>
<p>Examine</p>	<p>Analyzing Data: Elements</p> <p>Process TEKS: 6.2(E), 6.3(D)</p> <p>Content TEKS: 6.5(A), 6.5(B), 6.6(A)</p>	<p>Analyzing and Interpreting Data: Patterns</p> <p>SEP: Analyzing and Interpreting Data</p> <p>Obtaining, Evaluating, and Communicating Information</p> <p>DCI: PS1.A</p> <p>CCC: Patterns</p> <p>Influence of Engineering, Technology, and Science on Society and the Natural World</p>	<p>Physical Properties of Matter</p>	<p>Analyzing and Interpreting Data</p>	<p>Scientific Inquiry</p>	<p>Nature of Science</p>

<p>Inquire</p>	<p>Critical Thinking and Scientific Problem Solving: Consequences of Improper Waste Disposal</p> <p>Process TEKS: 6.1(B), 6.2(E), 6.3(A), 6.3(D)</p>	<p>Minimizing Human Impacts on the Environment</p> <p>PE: MS-ESS3-3, MS-ETS1-1, MS-ETS1-2.</p> <p>SEP: Constructing Explanations and Designing Solutions</p> <p>DCI: ESS3.C</p> <p>CCC: Cause and Effect</p> <p>Influence of Science, Engineering, and Technology on Society and the Natural World</p>	<p>Science as Inquiry</p>	<p>Conservation of Resources</p>	<p>Scientific Inquiry</p>	<p>Nature of Science</p>
<p>Link</p>	<p>Physical Properties of Metals, Nonmetals, and Metalloids: Communicating Valid Conclusions Supported by Data</p> <p>Process TEKS: 6.2(D), 6.2(E), 6.3(A), 6.3(D)</p> <p>Content TEKS: 6.6(A)</p>	<p>Engaging in Argument from Evidence</p> <p>SEP: Analyzing and Interpreting Data</p> <p>Constructing Explanations and Designing Solutions</p> <p>Engaging in Argument from Evidence</p>	<p>Physical Properties of Matter</p>	<p>Engaging in Argument from Evidence</p>	<p>Scientific Inquiry</p>	<p>Nature of Science</p>
<p>Reflect</p>	<p>Analyzing, Evaluating, and Critiquing Scientific Explanations</p> <p>Process TEKS: 6.2(E), 6.3(A), 6.2(B)</p>	<p>Growth and Development of Organisms</p> <p>PE: MS-LS1-5</p> <p>SEP: Analyzing and Interpreting Data</p> <p>Constructing Explanations and Designing Solutions</p> <p>Planning and Carrying Out Investigations (Extend)</p> <p>DCI: LS1.B</p> <p>CCC: Cause and Effect</p>	<p>Forms of Tropism</p>	<p>Engaging in Argument from Evidence</p>	<p>Scientific Inquiry</p>	<p>Nature of Science</p>

Strive	Standards Review Challenge  Process TEKS: 6.3(D)  Content TEKS: 6.5(C), 6.6(A), 6.10(C), 6.12(D)	Obtaining, Evaluating, and Communicating Information  PE:MS-PS1-2  SEP: Obtaining, Evaluating, and Communicating Information  DCI: PS1.B  Influence of Science, Engineering, and Technology on Society and the Natural World	Science as Inquiry	Obtaining, Evaluating, and Communicating Information	Scientific Inquiry	Nature of Science
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