| Grade 2 | TEKS | Night Sky | Weather Changes | The Four Seasons | What is Made of Wood? | Water | Hot and Cold | Is This too Much? | Building a Birdhouse | Measuring for Treasure | Shells | Night Animals | Scaly and Scary | Fossils | Can You See the Wind? | The Dirt Under Your Feet |
|---------|---|-----------|-----------------|------------------|-----------------------|-------|--------------|-------------------|----------------------|------------------------|--------|---------------|-----------------|---------|-----------------------|--------------------------|
| | The student conducts classroom and field investigations following home and school safety procedures. | | | | | | | | | | | | | | | |
| 2.2 | The student develops abilities necessary to do scientific inquiry in the field and the classroom. | | | | | | | | | | | | | | | |
| 2.3 | The student knows that information and critical thinking are used in making decisions. | | | | | | | | | | | | | | | |
| | The student uses age-appropriate tools and models to verify that organisms and objects and parts of organisms and objects can be observed, described, and measured. | | | | | | | | | X | | | | | | |

| Grade 2 | TEKS | Sink or Float? | Measuring | Energy | Saturday Night Pizza | Transportation | What's the Problem? | Over and Under | Shapes | How Many in All? | A Butterfly's Life | Freaky Fish | Skeletons | Wild Weather | Rocks and Minerals | Water All Around |
|----------------------|---|----------------|-----------|--------|----------------------|----------------|---------------------|----------------|--------|------------------|--------------------|-------------|-----------|--------------|--------------------|------------------|
| Scientific Processes | The student conducts classroom and field | | | | | | | | | | | | | | | ļ |
| 2.1 | investigations following home and school safety procedures. | | | | | | | | | | | | | | | |
| 2.2 | The student develops abilities necessary to do scientific inquiry in the field and the classroom. | X | | | | | | | | | X | | | | | |
| 2.3 | The student knows that information and critical thinking are used in making decisions. | | | | | | x | | | | | | | | | |
| | The student uses age-appropriate tools and models to verify that organisms and objects and parts of organisms and objects can be observed, described, and measured. | | | | | | | | | | | | | | | |
| | | Х | Х | | | | | | | | | | | | | L |

| Grade 2 | TEKS | Matter Matters | Push and Pull | Simple Machines | Amazing Mud | Collecting and Sorting Insects | Ice Maker, Ice Breaker | Symmetry in Nature | How to Make a Square Change Shape | Animal Records | Dinosaurs | Things that Sting | What's Inside Me? | Motion in Space | Environmental Disasters | Diamonds |
|--------------------------|---|----------------|---------------|-----------------|-------------|-----------------------------------|------------------------|--------------------|--------------------------------------|----------------|-----------|-------------------|-------------------|-----------------|-------------------------|----------|
| Scientific Processes 2.1 | The student conducts classroom and field investigations following home and school safety procedures. | | | | | | x | | | | | | | | | |
| 2.2 | The student develops abilities necessary to do scientific inquiry in the field and the classroom. | | | | | | X | | | | | | | X | | |
| | The student knows that information and critical thinking are used in making decisions. | | | | | | x | | | | | | | X | | |
| | The student uses age-appropriate tools and models to verify that organisms and objects and parts of organisms and objects can be observed, described, and measured. | | | | | X | | | | | | | | | | |

| Grade 2 | TEKS | Turns that Down! | Describe it | Larger than Life | The Tools of Science | Let's Get Organized | Forming Hypotheses | Careers | Making a Space Shuttle | Scream Machines | Who Gets More? | What if We Measured Speed as Feet per Hour? | ers in Scien |
|----------------------|---|------------------|-------------|------------------|----------------------|---------------------|--------------------|---------|------------------------|-----------------|----------------|--|--------------|
| Scientific Processes | | | | | | | | | | | | | |
| | The student conducts classroom and field investigations following home and school safety procedures. | | | | | | | | | | | | |
| 2.2 | The student develops abilities necessary to do scientific inquiry in the field and the classroom. | | x | x | х | x | x | | | x | | x | |
| | The student knows that information and critical thinking are used in making decisions. | | x | x | x | x | x | | | X | | x | |
| | The student uses age-appropriate tools and models to verify that organisms and objects and parts of organisms and objects can be observed, described, and measured. | | X | X | X | | | | | | | | |

| Grade 2 | TEKS | Air and Wind | Earth Movements | Soil Science | Water, Water, Everywhere | What's Up with the Weather? | The Earth | The Journey into Space | The Moon | The Solar System | The Sun | Amphibians and Reptiles | Birds | Fish | Insects | Mammals |
|----------------------|---|--------------|-----------------|--------------|--------------------------|-----------------------------|-----------|------------------------|----------|------------------|---------|-------------------------|-------|------|---------|---------|
| Scientific Processes | | | | | | | | | | | | | | | | |
| | The student conducts classroom and field investigations following home and school safety procedures. | x | X | X | X | X | X | X | X | X | X | X | X | X | X | x |
| | The student develops abilities necessary to do scientific inquiry in the field and the classroom. | x | X | x | x | X | x | x | x | X | x | x | x | x | x | X |
| | The student knows that information and critical thinking are used in making decisions. | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| | The student uses age-appropriate tools and models to verify that organisms and objects and parts of organisms and objects can be observed, described, and measured. | | | | | | | | | | X | | | | | |

| Grade 2 | TEKS | At Home in the Ocean | At Home in the Tropical Rainforest | A Home by the River | A Hot Desert Home | A Mountain Home | Bones | The Brain and Nerves | The Heart | Muscles | Skin | Classifying/Grouping Materials | Force and Motion | Gravity | Measuring Matter | States of Matter |
|----------------------|---|----------------------|---------------------------------------|---------------------|-------------------|-----------------|-------|----------------------|-----------|---------|------|-----------------------------------|------------------|---------|------------------|------------------|
| Scientific Processes | | | | | | | | | | | | | | | | |
| 2.1 | The student conducts classroom and field investigations following home and school safety procedures. | X | X | X | X | X | X | X | X | X | X | X | X | X | X | x |
| 2.2 | The student develops abilities necessary to do scientific inquiry in the field and the classroom. | X | x | x | x | X | x | x | x | x | x | X | x | x | x | X |
| | The student knows that information and critical thinking are used in making decisions. | X | x | x | x | x | x | x | x | x | x | x | x | x | x | X |
| | The student uses age-appropriate tools and models to verify that organisms and objects and parts of organisms and objects can be observed, described, and measured. | | | | | | | | | | | | | | | |

| Grade 2 | TEKS | Color and Light | Electrical Circuits | Hearing and Sound | Magnets | Simple Machines |
|----------------------|---|-----------------|---------------------|-------------------|---------|-----------------|
| Scientific Processes | | | | | | |
| 2.1 | The student conducts classroom and field investigations following home and school safety procedures. | X | X | x | x | X |
| 2.2 | The student develops abilities necessary to do scientific inquiry in the field and the classroom. | x | x | x | x | X |
| 2.3 | The student knows that information and critical thinking are used in making decisions. | X | x | x | x | X |
| 2.4 | The student uses age-appropriate tools and models to verify that organisms and objects and parts of organisms and objects can be observed, described, and measured. | | | | | |

| Grade 2 | TEKS | Night Sky | Weather Changes | The Four Seasons | What is Made of Wood? | Water | Hot and Cold | Is This too Much? | Building a Birdhouse | Measuring for Treasure | Shells | Night Animals | Scaly and Scary | Fossils | Can You See the Wind? | The Dirt Under Your Feet |
|------------------|--|-----------|-----------------|------------------|-----------------------|-------|--------------|-------------------|----------------------|------------------------|--------|---------------|-----------------|---------|-----------------------|--------------------------|
| Science Concepts | | | | | | | | | | | | | | | | |
| 2.5 | The student knows that organisms, objects, and events have properties and patterns. | | | | | | | | | | | | | | | |
| 2.6 | The student knows that systems have parts and are composed of organisms and objects. | | | | | | | | | | x | | | | | |
| 2.7 | The student knows that many types of change occur. | x | X | x | | | X | | | | | | x | | | |
| 2.8 | The student distinguishes between living organisms and nonliving objects. | | | | | | | | | | | | | | | |
| | The student knows that living organisms have basic needs. | | | | | | | | | | | | х | | | |
| 2.10 | The student knows that the natural world includes rocks, soil, water, and gases of the atmosphere. | | | | | X | | | | | | | | X | | X |

| Grade 2 | TEKS | Sink or Float? | Measuring | Energy | Saturday Night Pizza | Transportation | What's the Problem? | Over and Under | Shapes | How Many in All? | A Butterfly's Life | Freaky Fish | Skeletons | Wild Weather | Rocks and Minerals | Water All Around |
|------------------|--|----------------|-----------|--------|----------------------|----------------|---------------------|----------------|--------|------------------|--------------------|-------------|-----------|--------------|--------------------|------------------|
| Science Concepts | | | | | | | | | | | | | | | | |
| 2.5 | The student knows that organisms, objects, and events have properties and patterns. | X | | | | | | | | | | | | | X | |
| | The student knows that systems have parts and are composed of organisms and objects. | | | | | | | | | | X | | | | | |
| 2.7 | The student knows that many types of change occur. | х | | | | | | | | | x | | | х | | x |
| | The student distinguishes between living organisms and nonliving objects. | | | | | | | | | | | | | | | |
| 2.9 | The student knows that living organisms have basic needs. | | | | | | | | | | x | | | | | |
| | The student knows that the natural world includes rocks, soil, water, and gases of the atmosphere. | | | | | | | | | | | | | | X | X |

| Grade 2 | TEKS | Matter Matters | Push and Pull | Simple Machines | Amazing Mud | Collecting and Sorting Insects | Ice Maker, Ice Breaker | Symmetry in Nature | How to Make a Square Change Shape | Animal Records | Dinosaurs | Things that Sting | What's Inside Me? | Motion in Space | Environmental Disasters | Diamonds |
|------------------|--|----------------|---------------|-----------------|-------------|-----------------------------------|------------------------|--------------------|--------------------------------------|----------------|-----------|-------------------|-------------------|-----------------|-------------------------|----------|
| Science Concepts | | | | | | | | | | | | | | | | |
| 2.5 | The student knows that organisms, objects, and events have properties and patterns. | X | | | | X | | X | X | | X | X | | х | | X |
| 2.6 | The student knows that systems have parts and are composed of organisms and objects. | | | | | x | | | | | | X | | | | |
| 2.7 | The student knows that many types of change occur. | X | | x | | | X | | X | | | | | х | | |
| 2.8 | The student distinguishes between living organisms and nonliving objects. | | | | | | | | | | | | | | | |
| 2.9 | The student knows that living organisms have basic needs. | | | | | | | | | | x | х | | | | |
| 2.10 | The student knows that the natural world includes rocks, soil, water, and gases of the atmosphere. | | | | X | | | | | | | | | | | |

Texas Essential Knowledge and Skills correlated to Reading Essentials in Science

Perfection Learning Corporation

| Grade 2 | TEKS | Turns that Down! | Describe it | Larger than Life | The Tools of Science | Let's Get Organized | Forming Hypotheses | Careers | Making a Space Shuttle | Scream Machines | Who Gets More? | What if We Measured Speed as Feet per Hour? | Numbers in Science |
|------------------|--|------------------|-------------|------------------|----------------------|---------------------|--------------------|---------|------------------------|-----------------|----------------|--|--------------------|
| Science Concepts | | | | | | | | | | | | | |
| 2.5 | The student knows that organisms, objects, and events have properties and patterns. | | x | x | | x | | | x | x | | | |
| | The student knows that systems have parts and are composed of organisms and objects. | | | | | | | | x | | | | |
| 2.7 | The student knows that many types of change occur. | х | X | | | | | | | | | | |
| 2.8 | The student distinguishes between living organisms and nonliving objects. | | | | | | | | | | | | |
| 2.9 | The student knows that living organisms have basic needs. | | | | | | | | | | | | |
| 2.10 | The student knows that the natural world includes rocks, soil, water, and gases of the atmosphere. | | | | | | | | | | | | |

| Grade 2 | TEKS | Air and Wind | Earth Movements | Soil Science | Water, Water, Everywhere | What's Up with the Weather? | The Earth | The Journey into Space | The Moon | The Solar System | The Sun | Amphibians and Reptiles | Birds | Fish | Insects | Mammals |
|------------------|--|--------------|-----------------|--------------|--------------------------|--------------------------------|-----------|------------------------|----------|------------------|---------|-------------------------|-------|------|---------|---------|
| Science Concepts | | | | | | | | | | | | | | | | |
| 2.5 | The student knows that organisms, objects, and events have properties and patterns. | | | | | x | | | | | | | | | | |
| | The student knows that systems have parts and are composed of organisms and objects. | | | X | | | | | | | | X | x | X | X | x |
| 2.7 | The student knows that many types of change occur. | | | | | x | x | | x | | x | x | X | x | x | x |
| | The student distinguishes between living organisms and nonliving objects. | | | | | | | | | | | | | | | |
| | The student knows that living organisms have basic needs. | | | | | | | | | | | X | X | X | X | x |
| | The student knows that the natural world includes rocks, soil, water, and gases of the atmosphere. | X | | X | X | | X | | | | | | | | | |

| Grade 2 | TEKS | At Home in the Ocean | At Home in the Tropical Rainforest | A Home by the River | A Hot Desert Home | A Mountain Home | Bones | The Brain and Nerves | The Heart | Muscles | Skin | Classifying/Grouping Materials | Force and Motion | Gravity | Measuring Matter | States of Matter |
|------------------|--|----------------------|---------------------------------------|---------------------|-------------------|-----------------|-------|----------------------|-----------|---------|------|-----------------------------------|------------------|---------|------------------|------------------|
| Science Concepts | | | | | | | | | | | | | | | | |
| 2.5 | The student knows that organisms, objects, and events have properties and patterns. | | | | | | | | | | | x | | | | |
| 2.6 | The student knows that systems have parts and are composed of organisms and objects. | | | | | | | | | | | x | | | | X |
| 2.7 | The student knows that many types of change occur. | | | | | | | | | | | x | | | | X |
| 2.8 | The student distinguishes between living organisms and nonliving objects. | | | | | | | | | | | | | | | |
| | The student knows that living organisms have basic needs. | | | | | | | | | | | | | | | |
| 2.10 | The student knows that the natural world includes rocks, soil, water, and gases of the atmosphere. | | | | | | | | | | | | | X | | |