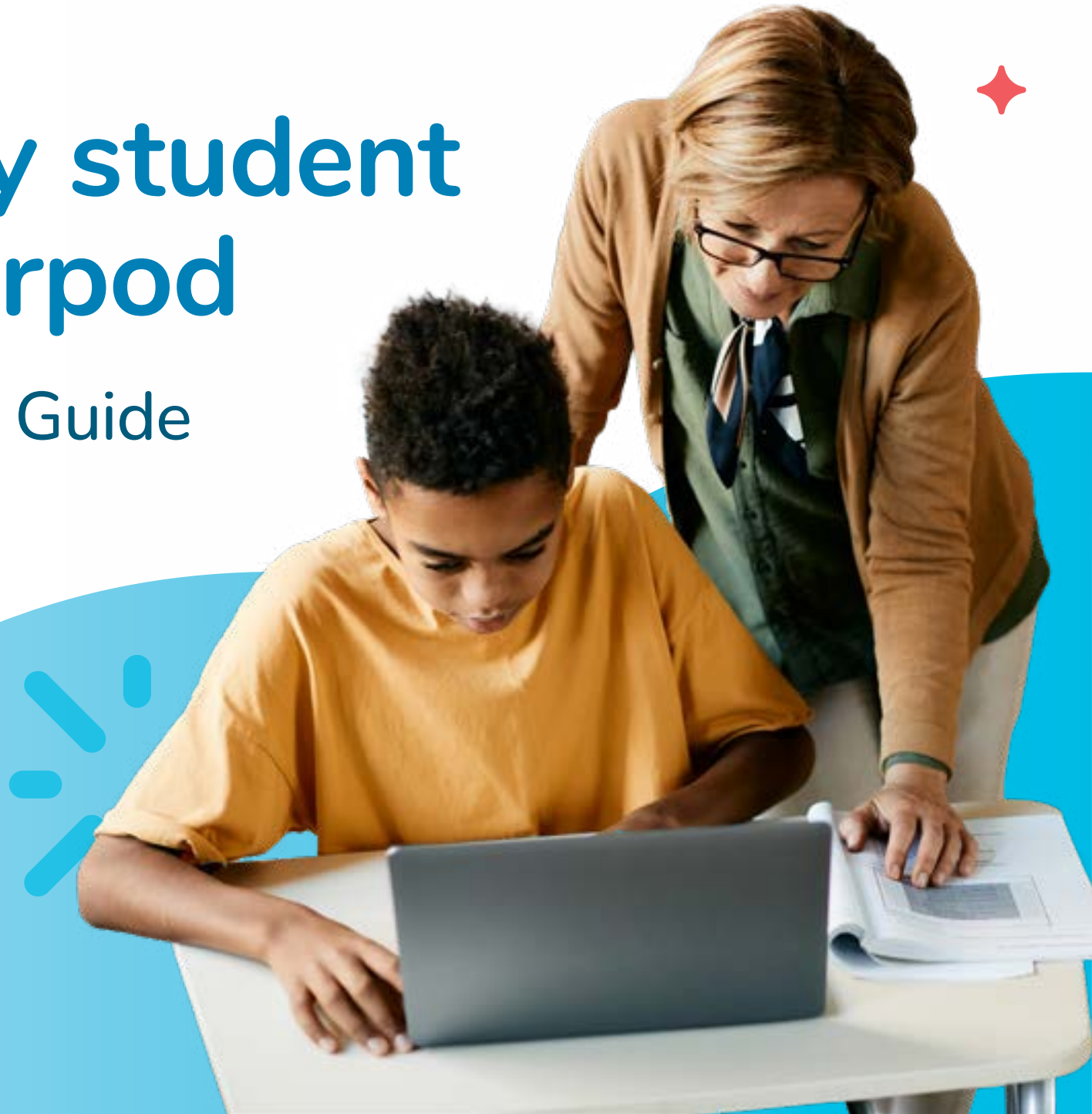


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## Science Lesson Guide for Grades K-8

Select your grade level:



# K-2nd Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 1: INTRODUCTON TO SCIENCE</b>				
<ul style="list-style-type: none"> <li>• <b>What Is a Scientist?:</b> K-2</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Draw It:</b> Motion of Objects: K-2</li> <li>• <b>Draw It:</b> Observable Properties: K-2</li> <li>• <b>Time to Climb:</b> Sorting by Properties: K-2</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Drag &amp; Drop:</b> Observable Properties: Heavy or Light</li> <li>• <b>Drag &amp; Drop:</b> Observable Properties: Sink or Float</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Drag &amp; Drop:</b> The Five Senses</li> <li>• <b>Time to Climb:</b> Show Me Your Senses: K-2</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Matching Pairs:</b> Changing States of Matter: Descriptions: 2</li> <li>• <b>Matching Pairs:</b> Changing States of Matter: Examples: 2</li> <li>• <b>Matching Pairs:</b> States of Matter: 2</li> <li>• <b>Draw It:</b> Changes in Matter: K-2</li> <li>• <b>Time to Climb:</b> Evaporation: K-2</li> </ul>
<b>WEEK 2: LIVING &amp; NONLIVING THINGS, ANIMALS</b>				
<ul style="list-style-type: none"> <li>• <b>Living and Nonliving:</b> K-2</li> <li>• <b>Drag &amp; Drop:</b> Living &amp; Nonliving</li> <li>• <b>Time to Climb:</b> Living &amp; Non-Living Things K-2</li> <li>• <b>Matching Pairs:</b> Needs of Living Things: K</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Parts of Plants &amp; Animals:</b> K</li> <li>• <b>Draw It:</b> Needs of Plants &amp; Animals: K-2</li> <li>• <b>Matching Pairs:</b> Types of Animals: 1</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Adult Animals and Their Offspring:</b> K-1</li> <li>• <b>Draw It:</b> Behavior Patterns of Parents &amp; Offspring: K-2</li> <li>• <b>Draw It:</b> Observing Parents &amp; Offspring: K-2</li> <li>• <b>Draw It:</b> Parents &amp; Offspring: Alike &amp; Different: K-2</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Animal Coverings:</b> K</li> <li>• <b>Animal Body Coverings</b></li> <li>• <b>Drag &amp; Drop:</b> Animals Preparing for Winter</li> <li>• <b>Matching Pairs:</b> Camouflage &amp; Survival Identification: 1</li> <li>• <b>Matching Pairs:</b> Camouflage &amp; Survival</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Turtles:</b> K-2</li> <li>• <b>Basic Parts of Penguins:</b> K</li> <li>• <b>Drag &amp; Drop:</b> Life Cycle of a Frog</li> <li>• <b>Draw It:</b> Life Cycle of a Butterfly: K-2</li> <li>• <b>Time to Climb:</b> Life Cycle of a Butterfly</li> </ul>

# K-2nd Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 3: PLANTS</b>				
<ul style="list-style-type: none"><li>● <b>Basic Needs of Plants:</b> K-2</li><li>● <b>Plants Everywhere:</b> K</li><li>● <b>Matching Pairs:</b> Plants: 1</li></ul>	<ul style="list-style-type: none"><li>● <b>Plant Parts &amp; Their Jobs</b></li><li>● <b>Drag &amp; Drop:</b> Labeling the Parts of a Plant</li><li>● <b>Matching Pairs:</b> Identifying Plant Parts: 1</li><li>● <b>Time to Climb:</b> Parts of a Plant: K-2</li></ul>	<ul style="list-style-type: none"><li>● <b>Parts of a Plant</b></li><li>● <b>Matching Pairs:</b> Identifying Characteristics of Plant Parts: 1</li><li>● <b>Matching Pairs:</b> Characteristics of Plant Parts: K</li><li>● <b>Matching Pairs:</b> Functions of Plants: 1</li></ul>	<ul style="list-style-type: none"><li>● <b>Inside a Tree Trunk:</b> 1</li><li>● <b>Time to Climb:</b> Seeds: K-2</li></ul>	<ul style="list-style-type: none"><li>● <b>Draw It:</b> Life Cycle of a Bean: K-2</li><li>● <b>Drag &amp; Drop:</b> The Life Cycle of a Plant</li><li>● <b>Matching Pairs:</b> Photosynthesis: 2</li><li>● <b>Matching Pairs:</b> Pollination: 2</li></ul>

# 3rd-5th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 1: ANIMAL CLASSIFICATION</b>				
<ul style="list-style-type: none"> <li>• <b>Animal Classification</b></li> <li>• <b>Time to Climb:</b> Animal Classifications</li> </ul>	<ul style="list-style-type: none"> <li>• Vertebrates</li> <li>• Invertebrates</li> <li>• <b>Drag &amp; Drop:</b> Animal Classifications: Part 1</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Animals: Amphibians:</b> 2-3</li> <li>• <b>Animals: Fish:</b> 2-3</li> <li>• <b>Animals: Mammals:</b> 2-3</li> <li>• <b>Animals: Reptiles:</b> 2-3</li> <li>• <b>Animals: Arthropods:</b> 2-3</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Drag &amp; Drop:</b> Animal Classifications: Part 2</li> <li>• <b>Matching Pairs:</b> Animal Classification: Identification: 3</li> <li>• <b>Matching Pairs:</b> Animal Classification: Vocabulary: 3</li> <li>• <b>Draw It:</b> Animal Classification: 3-5</li> <li>• <b>Draw It:</b> The Animal Kingdom: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Carnivores:</b> 2-4</li> <li>• <b>Herbivores:</b> 2-4</li> <li>• <b>Matching Pairs:</b> Omnivores, Herbivores, and Carnivores Classifying: 5</li> <li>• <b>Matching Pairs:</b> Omnivores, Herbivores, and Carnivores: 5</li> </ul>
<b>WEEK 2: ANIMALS AND HUMANS</b>				
<ul style="list-style-type: none"> <li>• <b>Body Systems:</b> Introduction</li> <li>• <b>Drag &amp; Drop:</b> The Human Body</li> <li>• <b>Time to Climb:</b> The Human Body: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>The Life Cycle of a Butterfly:</b> 2-3</li> <li>• <b>The Life Cycle of a Frog:</b> 2-3</li> <li>• <b>Draw It: Metamorphosis: Life Cycle of a Frog:</b> 2-5</li> <li>• <b>Drag &amp; Drop: Life Cycle of a Frog</b></li> <li>• <b>Drag &amp; Drop: Life Cycle of a Beetle</b></li> <li>• <b>Time to Climb: Metamorphosis</b></li> <li>• <b>Time to Climb: Life Cycles</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Inherited Traits &amp; Learned Behaviors:</b> 3-5</li> <li>• <b>Drag &amp; Drop:</b> Inherited &amp; Acquired Traits</li> <li>• <b>Time to Climb:</b> Inherited &amp; Acquired Traits</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Matching Pairs:</b> Animal Sense: Examples: 4</li> <li>• <b>Matching Pairs:</b> Animal Senses: Vocabulary: 4</li> <li>• <b>Matching Pairs:</b> Animal Body Systems: Examples: 5</li> <li>• <b>Matching Pairs:</b> Animal Body Systems: Vocabulary: 5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Draw It:</b> Variation &amp; Survival Among Species: 3-5</li> <li>• <b>Matching Pairs:</b> Animal Survival: Application: 3</li> <li>• <b>Matching Pairs:</b> Animal Survival: Vocabulary: 3</li> <li>• <b>Time to Climb:</b> Animal Survival: 3-5</li> </ul>

# 3rd-5th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 3: ANIMALS AND PLANTS</b>				
<ul style="list-style-type: none"> <li>• <b>Matching Pairs:</b> Plant and Animal Behaviors: Examples: 4</li> <li>• <b>Matching Pairs:</b> Plant and Animal Behaviors: Vocabulary: 4</li> <li>• <b>Time to Climb:</b> Plants and Animals in the Winter</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Time to Climb:</b> Interdependence: Energy &amp; Food: 3-5</li> <li>• <b>Time to Climb:</b> Interdependence: Animals &amp; Seasons: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Drag &amp; Drop:</b> Producers, Consumers &amp; Decomposers</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Time to Climb:</b> Parts of a Plant 3-5</li> <li>• <b>Draw It:</b> Compare &amp; Contrast Plant Life Cycles: 2-5</li> <li>• <b>Draw It:</b> Comparing Plant Life Cycles: 2-5</li> <li>• <b>Drag &amp; Drop:</b> Life Cycle of a Bean: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>The Sun's Energy:</b> 5</li> <li>• <b>Matching Pairs:</b> Seedless Plants Identification: 5</li> <li>• <b>Matching Pairs:</b> Seedless Plants: Vocabulary: 5</li> <li>• <b>Time to Climb:</b> Living Organisms: Plants: 3-5</li> </ul>
<b>WEEK 4: ENVIRONMENT AND WEATHER</b>				
<ul style="list-style-type: none"> <li>• <b>Food Chains &amp; Food Webs</b></li> <li>• <b>Drag &amp; Drop:</b> Food Chains</li> <li>• <b>Drag &amp; Drop:</b> Food Webs</li> <li>• <b>Draw It:</b> Food Chains: 3-5</li> <li>• <b>Draw It:</b> Food Webs: 3-5</li> <li>• <b>Draw It:</b> Modeling a Food Web: 3-5</li> <li>• <b>Time to Climb:</b> Food Chains</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Earth's Water:</b> 4-6</li> <li>• What Is the Water Cycle?</li> <li>• <b>Drag &amp; Drop:</b> The Water Cycle</li> <li>• <b>Time to Climb:</b> Parts of the Water Cycle: 3-5</li> <li>• <b>Matching Pairs:</b> Water Resources: Examples: 5</li> <li>• <b>Matching Pairs:</b> Water Resources: Vocabulary: 5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Alternative Energy: Renewable Resources</b></li> <li>• Natural Resources</li> <li>• <b>Drag &amp; Drop:</b> Renewable &amp; Nonrenewable Resources</li> <li>• <b>Matching Pairs:</b> Identifying Resources on Earth: 4</li> <li>• <b>Matching Pairs:</b> Protecting Earth's Resources: Vocabulary: 5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Time to Climb:</b> Climate Zones: 3-5</li> <li>• <b>Matching Pairs:</b> Identifying Climate Types: 3</li> <li>• <b>Matching Pairs:</b> Climate Controls: 3</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Matching Pairs:</b> Weather-Related Hazards: 3</li> <li>• <b>Time to Climb:</b> Weather Impacts: 3-5</li> <li>• <b>Matching Pairs:</b> Natural Disasters: Examples: 4</li> <li>• <b>Matching Pairs:</b> Natural Disasters: Vocabulary: 4</li> <li>• Hurricanes</li> </ul>

# 3rd-5th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 5: ECOSYSTEMS</b>				
<ul style="list-style-type: none"> <li>● Ecosystems: Introduction: 3-5</li> <li>● Ecosystems</li> <li>● <b>Drag &amp; Drop:</b> Ecosystems</li> <li>● <b>Draw It:</b> Ecosystems 3-5</li> </ul>	<ul style="list-style-type: none"> <li>● Ecosystems: Grasslands: 3-5</li> <li>● Grasslands</li> </ul>	<ul style="list-style-type: none"> <li>● Ecosystems: Desert: 3-5</li> <li>● Deserts</li> <li>● Ecosystems: Tundra: 3-5</li> <li>● Tundras</li> </ul>	<ul style="list-style-type: none"> <li>● Forests</li> <li>● Ecosystems: Tropical Forest: 3-5</li> <li>● Coniferous and Deciduous Forests: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>● Ecosystems: Freshwater: 3-5</li> <li>● Ecosystems: Saltwater: 3-5</li> </ul>
<b>WEEK 6: GEOLOGY</b>				
<ul style="list-style-type: none"> <li>● The Rock Cycle</li> <li>● Types of Rocks</li> <li>● <b>Drag &amp; Drop:</b> Types of Rocks</li> <li>● <b>Matching Pairs:</b> Types of Rock: 4</li> <li>● <b>Matching Pairs:</b> Types of Rocks: Vocabulary: 4</li> <li>● <b>Time to Climb:</b> Types of Rocks</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Draw It:</b> Mineral: Mohs Hardness Scale: 3-5</li> <li>● <b>Draw It:</b> Minerals: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>● Fossils</li> <li>● <b>Draw It:</b> Body Fossils &amp; Trace Fossils: 3-5</li> <li>● <b>Draw It:</b> Fossil Formation: 3-5</li> <li>● <b>Draw It:</b> Fossil Types: 3-5</li> <li>● <b>Matching Pairs:</b> Fossils Identification: 3</li> <li>● <b>Matching Pairs:</b> Fossils Vocabulary: 3</li> </ul>	<ul style="list-style-type: none"> <li>● Physical &amp; Chemical Weathering</li> <li>● Weathering &amp; Erosion</li> <li>● <b>Matching Pairs:</b> Physical Weathering: Examples: 4</li> <li>● <b>Matching Pairs:</b> Physical Weathering: Vocabulary: 4</li> <li>● <b>Time to Climb:</b> Weathering &amp; Erosion: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>● Earthquakes</li> <li>● <b>Matching Pairs:</b> Plate Tectonics: Vocabulary: 4</li> <li>● <b>Matching Pairs:</b> Plate Tectonics: Vocabulary: 4</li> <li>● <b>Time to Climb:</b> Earth's Landforms</li> </ul>

# 3rd-5th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 7: ASTRONOMY</b>				
<ul style="list-style-type: none"> <li>• <b>The Sun:</b> 3-5</li> <li>• <b>Time to Climb:</b> The Sun: 3-5</li> <li>• <b>Time to Climb:</b> Stars: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Characteristics of the Moon:</b> 3-5</li> <li>• <b>Drag &amp; Drop:</b> Moon Properties: 3-5</li> <li>• <b>Observing Moon Phases</b></li> <li>• Moon Phases</li> <li>• <b>Draw It:</b> Diagram: Moon Phases: 4-8</li> <li>• <b>Draw It:</b> Moon Phases: 4-8</li> <li>• <b>Time to Climb:</b> Phases of the Moon</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Rotation and Revolution:</b> 4-6</li> <li>• <b>Matching Pairs:</b> Earth's Rotation: Examples: 5</li> <li>• <b>Matching Pairs:</b> Earth's Rotation: Vocabulary: 5</li> <li>• <b>Drag &amp; Drop:</b> Earth's Spheres</li> </ul>	<ul style="list-style-type: none"> <li>• Planets</li> <li>• <b>Drag &amp; Drop:</b> Planets in Our Solar System</li> <li>• <b>Time to Climb:</b> Planets</li> <li>• Jupiter</li> </ul>	<ul style="list-style-type: none"> <li>• The Solar System</li> <li>• <b>Draw It:</b> Our Solar System: 3-5</li> <li>• <b>Drag &amp; Drop:</b> Our Solar System</li> <li>• <b>Matching Pairs:</b> Solar System Defined: 5</li> <li>• <b>Matching Pairs:</b> Solar System Exploration: 5</li> </ul>
<b>WEEK 8: SIMPLE MACHINES, FORCES, AND MOTION</b>				
<ul style="list-style-type: none"> <li>• <b>Work and Simple Machines:</b> 2-4</li> <li>• <b>Drag &amp; Drop:</b> Simple Machines</li> <li>• <b>Time to Climb:</b> Simple Machines: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Simple Machines:</b> Inclined Plane: 2-4</li> <li>• <b>Simple Machines:</b> Pulley: 2-4</li> <li>• <b>Simple Machines:</b> Screw: 2-4</li> <li>• <b>Simple Machines:</b> Wedge: 2-4</li> <li>• <b>Simple Machines:</b> Wheel and Axle: 2-4</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Contact &amp; Non-Contact Forces:</b> 3-6</li> <li>• <b>Matching Pairs:</b> Types of Forces: 3</li> <li>• <b>Draw It:</b> Balanced and Unbalanced Forces: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Draw It:</b> Motion: Predictable Patterns: 3-5</li> <li>• <b>Draw It:</b> Predictable Patterns of Motion: 3-5</li> <li>• <b>Matching Pairs:</b> Newton's Laws of Motion: 3</li> </ul>	<ul style="list-style-type: none"> <li>• How Does Force Make Things Move?</li> <li>• <b>Time to Climb:</b> Motion of Objects: 3-5</li> <li>• <b>Time to Climb:</b> Familiar Forces: 3-5</li> </ul>

# 3rd-5th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 9: ENERGY</b>				
<ul style="list-style-type: none"> <li>● <b>Energy: 3-5</b></li> <li>● Energy</li> <li>● <b>Drag &amp; Drop:</b> Forms of Energy: 3-5</li> <li>● <b>Draw It:</b> Diagram: Forms of Energy: 3-5</li> <li>● <b>Time to Climb:</b> All Sorts of Energy: 3-5</li> <li>● <b>Time to Climb:</b> What Is Energy?: 3-5</li> <li>● <b>Matching Pairs:</b> Types of Energy: Examples: 4</li> <li>● <b>Matching Pairs:</b> Types of Energy: Vocabulary: 4</li> </ul>	<ul style="list-style-type: none"> <li>● Heat Transfer</li> <li>● <b>Drag &amp; Drop:</b> Energy Transfer</li> <li>● <b>Draw It:</b> Energy Transfer: 3-5</li> <li>● <b>Time to Climb:</b> Energy Transfer: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Understanding Electrical Fields: 4-6</b></li> <li>● <b>Matching Pairs:</b> Creating Electricity: 4</li> <li>● <b>Matching Pairs:</b> Static Electricity Classification: 4</li> <li>● <b>Drag &amp; Drop:</b> Wave Properties: 3-5</li> <li>● <b>Draw It:</b> Wave Properties: 3-5</li> <li>● <b>Time to Climb:</b> Wave Properties: 3-5</li> <li>● Sound</li> <li>● <b>Time to Climb:</b> Vibration: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Draw It:</b> Diagram: Energy Force: 3-5</li> <li>● <b>Matching Pairs:</b> Forces of Energy Characteristics: 4</li> <li>● <b>Matching Pairs:</b> Identifying Forces of Energy: 4</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Matching Pairs:</b> Conserving Energy: Examples: 4</li> <li>● <b>Matching Pairs:</b> Energy Patterns: Examples: 3</li> <li>● <b>Matching Pairs:</b> Energy Patterns: Vocabulary: 3</li> <li>● <b>Drag &amp; Drop:</b> Conductors &amp; Insulators</li> </ul>
<b>WEEK 10: MATTER</b>				
<ul style="list-style-type: none"> <li>● What Is Matter?</li> <li>● <b>Draw It:</b> Properties of Matter: 3-5</li> <li>● <b>Time to Climb:</b> Matter</li> <li>● <b>Drag &amp; Drop:</b> Matter: Solids, Liquids &amp; Gases</li> </ul>	<ul style="list-style-type: none"> <li>● <b>States of Matter</b></li> <li>● <b>Matching Pairs:</b> States of Matter: Examples: 5</li> <li>● <b>Matching Pairs:</b> States of Matter: Vocabulary: 5</li> </ul>	<ul style="list-style-type: none"> <li>● <b>The Mass of Matter: 3-4</b></li> <li>● <b>Draw It:</b> Matter: Changing States: 2-5</li> <li>● <b>Time to Climb:</b> Change in Matter: 3-5</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Physical &amp; Chemical Changes: 5</b></li> <li>● <b>Drag &amp; Drop:</b> Physical &amp; Chemical Changes</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Matching Pairs:</b> Chemical Bonds: Examples: 5</li> <li>● <b>Matching Pairs:</b> Chemical Bonds: Vocabulary: 5</li> </ul>



# 6-8th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 1: HUMAN BODY SYSTEMS</b>				
<ul style="list-style-type: none"> <li>• <b>The Digestive System</b></li> <li>• The Digestive System</li> <li>• <b>Drag &amp; Drop:</b> The Digestive System</li> <li>• <b>Draw It:</b> The Digestive System: 6-12</li> </ul>	<ul style="list-style-type: none"> <li>• <b>The Nervous System:</b> 6-8</li> <li>• The Nervous System</li> <li>• <b>Drag &amp; Drop:</b> The Nervous System: The Brain</li> <li>• <b>Draw It:</b> The Nervous System: The Brain: 6-12</li> <li>• <b>Draw It:</b> Key Functions of the Brain: 6-12</li> </ul>	<ul style="list-style-type: none"> <li>• <b>The Respiratory System</b></li> <li>• The Respiratory System</li> <li>• <b>Drag &amp; Drop:</b> The Respiratory System</li> <li>• <b>Draw It:</b> The Respiratory System: 6-12</li> </ul>	<ul style="list-style-type: none"> <li>• <b>The Circulatory System:</b> 6-8</li> <li>• The Circulatory System</li> <li>• <b>Drag &amp; Drop:</b> The Circulatory System: The Human Heart</li> <li>• <b>Draw It:</b> The Circulatory System: The Heart: 6-12</li> <li>• <b>Time to Climb:</b> The Circulatory System</li> </ul>	<ul style="list-style-type: none"> <li>• <b>The Muscular System:</b> 6-8</li> <li>• <b>The Skeletal System:</b> 6-8</li> <li>• The Skeletal System</li> </ul>
<b>WEEK 2: BIOLOGY</b>				
<ul style="list-style-type: none"> <li>• <b>Cell Theory: An Introduction to Cells:</b> 6-8</li> <li>• <b>Matching Pairs:</b> Cells: Application: 6</li> <li>• <b>Matching Pairs:</b> Cells: Vocabulary: 7</li> <li>• <b>Matching Pairs:</b> Identifying Cell Structures: 7</li> <li>• <b>Time to Climb:</b> The Parts of a Cell</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Drag &amp; Drop:</b> Animal Cell Structure: 6-8</li> <li>• <b>Draw It:</b> Animal Cell Structure: 6-8</li> <li>• <b>Draw It:</b> Modeling an Animal Cell: 6-8</li> </ul>	<ul style="list-style-type: none"> <li>• Photosynthesis</li> <li>• <b>Drag &amp; Drop:</b> Plant Cell Structure: 6-8</li> <li>• <b>Draw It:</b> Plant Cell Structure: 6-8</li> <li>• <b>Drag &amp; Drop:</b> Photosynthesis</li> <li>• <b>Draw It:</b> Photosynthesis: 6-8</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Asexual Reproduction:</b> 6-8</li> <li>• <b>Matching Pairs:</b> Asexual Reproduction: Application: 7</li> <li>• <b>Matching Pairs:</b> Asexual Reproduction: Vocabulary: 7</li> </ul>	<ul style="list-style-type: none"> <li>• Dominant &amp; Recessive Traits</li> <li>• <b>Drag &amp; Drop:</b> Punnett Squares: 6-8</li> <li>• <b>Draw It:</b> Punnett Square: Genotype: 6-8</li> <li>• <b>Draw It:</b> Punnett Square: Phenotype: 6-8</li> <li>• <b>Draw It:</b> Punnett Squares: 6-8</li> </ul>

# 6-8th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 3: ENVIRONMENTAL SCIENCE</b>				
<ul style="list-style-type: none"> <li>● <b>Food Webs and Energy:</b> 4-7</li> <li>● <b>Matching Pairs:</b> Food Chains: Application: 6</li> <li>● <b>Matching Pairs:</b> Food Chains: Vocabulary; 6</li> <li>● <b>Draw It:</b> Creating a Food Web: 5-8</li> <li>● <b>Draw It:</b> Food Webs: 5-8</li> <li>● <b>Drag &amp; Drop:</b> Food Webs: 6-8</li> <li>● <b>Matching Pairs:</b> Food Chains &amp; Webs: Application: 6-8</li> </ul>	<ul style="list-style-type: none"> <li>● <b>The Water Cycle</b></li> <li>● <b>Earth's Water:</b> 4-6</li> <li>● <b>Drag &amp; Drop:</b> The Water Cycle: 6-8</li> <li>● <b>Draw It:</b> The Water Cycle: 6-8</li> <li>● <b>Matching Pairs:</b> Water Cycle: 6</li> <li>● <b>Time to Climb:</b> The Water Cycle</li> <li>● <b>Matching Pairs:</b> Identifying Parts of the Water Cycle: 6</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Earth's Atmosphere</b></li> <li>● <b>Drag &amp; Drop:</b> Layers of the Atmosphere</li> <li>● <b>Draw It:</b> Layers of the Atmosphere: 6-8</li> <li>● <b>Matching Pairs:</b> Analyzing Earth's Atmosphere: 6</li> <li>● <b>Matching Pairs:</b> Layers of Earth's Atmosphere: 6</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Ecosystems:</b> 5-7</li> <li>● <b>Symbiosis Among Animals</b></li> <li>● <b>Time to Climb:</b> Ecosystems</li> <li>● Sustainability</li> <li>● <b>Matching Pairs:</b> Natural Resources: Application: 8</li> <li>● <b>Matching Pairs:</b> Natural Resources: Vocabulary: 8</li> <li>● <b>Drag &amp; Drop:</b> Renewable &amp; Nonrenewable Resources</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Climate</b></li> <li>● <b>Climate Zones:</b> 5-8</li> <li>● <b>Climate Zones:</b> Dry: 5-7</li> <li>● <b>Climate Zones:</b> Polar: 5-7</li> <li>● <b>Climate Zones:</b> Temperate: 5-7</li> <li>● <b>Climate Zones:</b> Tropical: 5-7</li> </ul>

# 6-8th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 4: GEOLOGY</b>				
<ul style="list-style-type: none"><li>• <b>The Rock Cycle</b></li><li>• <b>Drag &amp; Drop:</b> The Rock Cycle: 6-8</li><li>• <b>Time to Climb:</b> Rock Cycle: 6-8</li><li>• <b>Sedimentary Rock Formation:</b> 6-8</li><li>• <b>Sedimentary Rocks:</b> 6-8</li><li>• <b>Drag &amp; Drop:</b> Types of Rocks</li></ul>	<ul style="list-style-type: none"><li>• <b>Physical &amp; Chemical Weathering</b></li><li>• <b>Matching Pairs:</b> Types of Weathering: 7</li><li>• <b>Matching Pairs:</b> Weathering: Examples: 7</li></ul>	<ul style="list-style-type: none"><li>• <b>Earth's Layers: 6-8</b></li><li>• <b>Drag &amp; Drop:</b> Earth's Layers: 6-8</li><li>• <b>Draw It:</b> Describing Earth's Layers: 6-8</li><li>• <b>Draw It:</b> Earth's Layers: 6-8</li><li>• <b>Draw It:</b> Layers of Earth: 6-8</li><li>• <b>Time to Climb:</b> Layers of Earth: 6-8</li><li>• <b>Time to Climb:</b> Earth Layers &amp; Plate Tectonics</li></ul>	<ul style="list-style-type: none"><li>• <b>Plate Tectonics</b></li><li>• <b>Drag &amp; Drop:</b> Major Tectonic Plates</li><li>• <b>Drag &amp; Drop:</b> Plate Tectonics</li><li>• <b>Draw It:</b> Plate Tectonics: 6-8</li><li>• <b>Matching Pairs:</b> Plate Tectonics: Application</li><li>• <b>Matching Pairs:</b> Plate Tectonics: Vocabulary</li><li>• <b>Draw It:</b> Convergent, Divergent, Transform Plate Tects.: 6-8</li><li>• <b>Time to Climb:</b> Tectonic Plates: 6-8</li></ul>	<ul style="list-style-type: none"><li>• <b>How Do We Know About Earth's Past?</b></li><li>• <b>Matching Pairs:</b> Geologic Time: Vocabulary: 7</li><li>• <b>Matching Pairs:</b> Fossils: Vocabulary: 8</li><li>• <b>Matching Pairs:</b> Types of Fossils: 8</li></ul>

# 6-8th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
<b>WEEK 5: ASTRONOMY AND WEATHER</b>				
<ul style="list-style-type: none"> <li>• <b>Phases of the Moon:</b> 4-6</li> <li>• <b>Draw It:</b> Diagram: Moon Phases: 4-8</li> <li>• <b>Draw It:</b> Moon Phases: 4-8</li> <li>• <b>The Moon and Tides:</b> 6-8</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Rotation and Revolution:</b> 4-6</li> <li>• <b>Solstice and Equinox</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Solar &amp; Lunar Eclipses:</b> 6-12</li> <li>• <b>Drag &amp; Drop:</b> Lunar Eclipse</li> <li>• <b>Drag &amp; Drop:</b> The Lunar Cycle</li> <li>• <b>Drag &amp; Drop:</b> Solar Eclipse</li> <li>• <b>Draw It:</b> Lunar Eclipse: 6-8</li> <li>• <b>Draw It:</b> Solar Eclipse: 6-8</li> <li>• <b>Time to Climb:</b> Solar &amp; Lunar Eclipses: 6-8</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Drag &amp; Drop:</b> Solar System: Patterns of Motion</li> <li>• <b>Draw It:</b> Solar System: Patterns of Motion: 6-8</li> <li>• <b>Matching Pairs:</b> Solar System Roles: 6</li> <li>• <b>Matching Pairs:</b> Solar Systems: Planets: 6</li> <li>• <b>Time to Climb:</b> Solar System</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Weather</b></li> <li>• <b>Air Pressure and Weather:</b> 6-8</li> <li>• <b>High Pressure vs. Low Pressure Systems:</b> 6-8</li> <li>• <b>Weather Fronts:</b> 6-8</li> <li>• <b>Time to Climb:</b> Weather &amp; Climate: 6-8</li> </ul>
<b>WEEK 6: MATTER, ATOMS, AND ELEMENTS</b>				
<ul style="list-style-type: none"> <li>• <b>Potential &amp; Kinetic Energy</b></li> <li>• <b>Drag &amp; Drop:</b> Potential &amp; Kinetic Energy</li> <li>• <b>Draw It:</b> Potential &amp; Kinetic Energy: 6-8</li> <li>• <b>Matching Pairs:</b> Identifying Potential and Kinetic Energy: 8</li> <li>• <b>Matching Pairs:</b> Potential and Kinetic Energy: Vocabulary: 8</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Heat Transfer: Conduction:</b> 6-8</li> <li>• <b>Heat Transfer: Convection</b></li> <li>• <b>Heat Transfer: Radiation:</b> 6-8</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Matching Pairs:</b> Thermal Energy: Application: 8</li> <li>• <b>Matching Pairs:</b> Thermal Energy: Vocabulary: 8</li> <li>• <b>Matching Pairs:</b> Solar Energy: Questions: 8</li> <li>• <b>Matching Pairs:</b> Solar Energy: Vocabulary: 8</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Magnets &amp; Magnetic Fields</b></li> <li>• <b>Understanding Electrical Fields:</b> 4-6</li> <li>• <b>Drag &amp; Drop:</b> Electromagnetic Spectrum</li> <li>• <b>Matching Pairs:</b> Electromagnetic Spectrum: Application: 6</li> <li>• <b>Matching Pairs:</b> Electromagnetic Spectrum: Vocabulary: 6</li> <li>• <b>Time to Climb:</b> Electromagnetic Spectrum: 6-8</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Matching Pairs:</b> Waves: Application: 8</li> <li>• <b>Matching Pairs:</b> Waves: Vocabulary: 8</li> <li>• <b>Time to Climb:</b> Energy</li> <li>• <b>Time to Climb:</b> Waves</li> </ul>

# 6-8th Grade Science - Week/Day

● Lesson ● Video ● Activity

Day 1	Day 2	Day 3	Day 4	Day 5
WEEK 7: FORCES AND MOTION				
<ul style="list-style-type: none"><li>• <b>Balanced and Unbalanced Forces:</b> 6-8</li><li>• <b>Matching Pairs:</b> Classifying Types of Forces: 6</li><li>• <b>Matching Pairs:</b> Forces All Around: 6</li></ul>	<ul style="list-style-type: none"><li>• <b>Newton's First Law of Motion:</b> 6-9</li><li>• <b>Newton's Second Law of Motion:</b> 6-9</li><li>• <b>Newton's Third Law of Motion:</b> 6-9</li></ul>	<ul style="list-style-type: none"><li>• <b>Matching Pairs:</b> Newton's Laws of Motion: Application: 6</li><li>• <b>Matching Pairs:</b> Newton's Laws of Motion: Vocabulary: 6</li></ul>	<ul style="list-style-type: none"><li>• <b>Mass, Distance &amp; Gravity</b></li><li>• <b>Matching Pairs:</b> Gravity Introduction: 6</li></ul>	<ul style="list-style-type: none"><li>• <b>Understanding Distance &amp; Displacement:</b> 6-8</li><li>• <b>Calculating Velocity:</b> 6-8</li></ul>

