

# Science Lesson Guide for Grades K-8



# Lesson Guide Intro

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Save prep time with these ready-to-teach lessons, activities, and videos specifically selected to boost learning in science by grade level and topic. You can do every lesson in a week or select just what you need. Lessons are designed to be delivered in a flexible format whether in-person, remote, or in-between. Use throughout the year to remediate key skills, reteach, or prep for testing.



## At the beginning of the year

Bring students up to grade level and prepare them for the year ahead. Search by grade level and topic to meet students where they are based on beginning-of-the-year assessments.



## Throughout the year

Reteach targeted concepts and skills as needed to introduce new or review previously taught content. Nearpod's formative assessments help identify concepts that students need to review. Activities are great for use in workstations.



## Test-prep

Boost student engagement and reduce prep time with dynamic media & gamified review. Get real-time insight into student understanding at any point during a lesson, leveraging nine types of assessment to give students more ways to show what they know.

## Select a grade level to get started:

[Grade K-2](#)   [Grade 3-5](#)   [Grade 6-8](#)

■ Lesson   ■ Video   ■ Activity

### GRADES K-2 SCIENCE – TOPIC / DAY (Lesson / Video / Activity)

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

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Plants</b>	<ul style="list-style-type: none"> <li>• <a href="#">Basic Needs of Plants: K-2</a></li> <li>• <a href="#">Plants Everywhere: K</a></li> <li>• <a href="#">Matching Pairs: Plants: 1</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Plant Parts &amp; Their Jobs</a></li> <li>• <a href="#">Drag &amp; Drop: Labeling the Parts of a Plant</a></li> <li>• <a href="#">Matching Pairs: Identifying Plant Parts: 1</a></li> <li>• <a href="#">Time to Climb: Parts of a Plant K-2</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Parts of a Plant</a></li> <li>• <a href="#">Matching Pairs: Identifying Characteristics of Plant Parts: 1</a></li> <li>• <a href="#">Matching Pairs: Characteristics of Plant Parts: K</a></li> <li>• <a href="#">Matching Pairs: Functions of Plants: 1</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Inside a Tree Trunk: 1</a></li> <li>• <a href="#">Time to Climb: Seeds K-2</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Draw It: Life Cycle of a Bean: K-2</a></li> <li>• <a href="#">Drag &amp; Drop: The Life Cycle of a Plant</a></li> <li>• <a href="#">Matching Pairs: Photosynthesis: 2</a></li> <li>• <a href="#">Matching Pairs: Pollination: 2</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Environment and Geology</b>	<ul style="list-style-type: none"> <li>• <a href="#">Caring for the Environment: K-2</a></li> <li>• <a href="#">Matching Pairs: Pollution: K</a></li> <li>• <a href="#">Matching Pairs: Water Pollution Impacts: K</a></li> <li>• <a href="#">Matching Pairs: Recycling Materials: K</a></li> <li>• <a href="#">Matching Pairs: What Can Be Recycled?: K</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Natural Earth: K</a></li> <li>• <a href="#">Matching Pairs: Parts of the Environment: K</a></li> <li>• <a href="#">Time to Climb: Patterns in Nature K-2</a></li> <li>• <a href="#">Time to Climb: Rocks, Soil, and Water: K-2</a></li> <li>• <a href="#">Matching Pairs: Habitats: 2</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">The Water Cycle: K-2</a></li> <li>• <a href="#">Matching Pairs: Bodies of Water Identification: 2</a></li> <li>• <a href="#">Matching Pairs: Bodies of Water Vocabulary: 2</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Types of Erosion: 2</a></li> <li>• <a href="#">Matching Pairs: Types of Weathering: 2</a></li> <li>• <a href="#">Time to Climb: Rocks and Weathering: K-2</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Earth's Landforms Vocabulary: 2</a></li> <li>• <a href="#">Matching Pairs: Landforms Identification: 2</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Weather</b>	<ul style="list-style-type: none"> <li>• <a href="#">Weather and Seasons: K</a></li> <li>• <a href="#">Draw It: Changes Throughout the Seasons K-2</a></li> <li>• <a href="#">Draw It: Characteristics of the Seasons: K-2</a></li> <li>• <a href="#">Draw It: Seasons: K-2</a></li> <li>• <a href="#">Draw It: Weather Patterns &amp; the Four Seasons: K-2</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">The Winter Season: K-1</a></li> <li>• <a href="#">Time to Climb: Changing Seasons: The Winter</a></li> <li>• <a href="#">The Spring Season: K-1</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">The Summer Season: K-1</a></li> <li>• <a href="#">The Fall Season: K-1</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Characteristics of Seasons Affect Choices: 1-2</a></li> <li>• <a href="#">Matching Pairs: Identifying Seasons: Descriptions: 1</a></li> <li>• <a href="#">Matching Pairs: Identifying Seasons: Pictures: 1</a></li> <li>• <a href="#">Time to Climb: Weather Conditions: K-2</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Drought Impacts: K</a></li> <li>• <a href="#">Matching Pairs: Flood Impacts: K</a></li> <li>• <a href="#">Matching Pairs: Impacted by a Flood: K</a></li> <li>• <a href="#">Matching Pairs: Earth's Natural Disasters: 2</a></li> <li>• <a href="#">Matching Pairs: Earth's Natural Disasters: Identification: 2</a></li> </ul>

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Astronomy</b>	<ul style="list-style-type: none"> <li><a href="#">Observing the Sun and Moon: K-2</a></li> <li><a href="#">Drag &amp; Drop: Objects in the Sky</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">The Sun</a></li> <li><a href="#">Draw It: Patterns in the Sky: The Sun K-2</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Draw It: Changing Shadows: K-2</a></li> <li><a href="#">Draw It: Shadows: K-2</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Draw It: Day &amp; Night Sky: K-2</a></li> <li><a href="#">Draw It: Day &amp; Night Sky: The Moon: K-2</a></li> <li><a href="#">Time to Climb: Daytime or Nighttime: K-2</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Matching Pairs: Our Solar System: Descriptions: 1</a></li> <li><a href="#">Matching Pairs: Our Solar System: Vocabulary: 1</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Energy, Forces, and Magnets</b>	<ul style="list-style-type: none"> <li><a href="#">Drag &amp; Drop: Forms of Energy</a></li> <li><a href="#">Time to Climb: Types of Energy</a></li> <li><a href="#">Matching Pairs: Communicating with Light and Sound: 1</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Drag &amp; Drop: Sources of Light</a></li> <li><a href="#">Time to Climb: Light K-2</a></li> <li><a href="#">Matching Pairs: Light: Vocabulary: 1</a></li> <li><a href="#">Matching Pairs: Sound: Vocabulary: 1</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Matching Pairs: Forces: K</a></li> <li><a href="#">Draw It: Forces &amp; Interactions: K-2</a></li> <li><a href="#">Matching Pairs: Collisions: K</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Draw It: A Push or a Pull: K-2</a></li> <li><a href="#">Draw It: Pushes &amp; Pulls: K-2</a></li> <li><a href="#">Matching Pairs: Pulls and Pushes: K</a></li> <li><a href="#">Time to Climb: Push or Pull?: K-1</a></li> <li><a href="#">Time to Climb: Pushes and Pulls</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Drag &amp; Drop: Magnets</a></li> <li><a href="#">Draw It: Magnets K-2</a></li> <li><a href="#">Draw It: Poles of a Magnet K-2</a></li> <li><a href="#">Time to Climb: Magnets K-2</a></li> </ul>

## GRADES 3-5 SCIENCE – TOPIC / DAY (Lesson / Video / Activity)

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Animal Classification</b>	<ul style="list-style-type: none"> <li><a href="#">Animal Classification</a></li> <li><a href="#">Time to Climb: Animal Classifications</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Vertebrates</a></li> <li><a href="#">Invertebrates</a></li> <li><a href="#">Drag &amp; Drop: Animal Classifications: Part 1</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Animals: Amphibians: 2-3</a></li> <li><a href="#">Animals: Fish: 2-3</a></li> <li><a href="#">Animals: Mammals: 2-3</a></li> <li><a href="#">Animals: Reptiles: 2-3</a></li> <li><a href="#">Animals: Arthropods: 2-3</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Drag &amp; Drop: Animal Classifications: Part 2</a></li> <li><a href="#">Matching Pairs: Animal Classification: Identification: 3</a></li> <li><a href="#">Matching Pairs: Animal Classification: Vocabulary: 3</a></li> <li><a href="#">Draw It: Animal Classification: 3-5</a></li> <li><a href="#">Draw It: The Animal Kingdom: 3-5</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Carnivores: 2-4</a></li> <li><a href="#">Herbivores: 2-4</a></li> <li><a href="#">Matching Pairs: Omnivores, Herbivores, and Carnivores Classifying: 5</a></li> <li><a href="#">Matching Pairs: Omnivores, Herbivores, and Carnivores: 5</a></li> </ul>

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Animals and Humans</b>	<ul style="list-style-type: none"> <li>• <a href="#">Body Systems: Introduction</a></li> <li>• <a href="#">Drag &amp; Drop: The Human Body</a></li> <li>• <a href="#">Time to Climb: The Human Body: 3-5</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">The Life Cycle of a Butterfly: 2-3</a></li> <li>• <a href="#">The Life Cycle of a Frog: 2-3</a></li> <li>• <a href="#">Draw It: Metamorphosis: Life Cycle of a Frog: 2-5</a></li> <li>• <a href="#">Drag &amp; Drop: Life Cycle of a Frog</a></li> <li>• <a href="#">Drag &amp; Drop: Life Cycle of a Beetle</a></li> <li>• <a href="#">Time to Climb: Metamorphosis</a></li> <li>• <a href="#">Time to Climb: Life Cycles</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Inherited Traits &amp; Learned Behaviors: 3-5</a></li> <li>• <a href="#">Drag &amp; Drop: Inherited &amp; Acquired Traits</a></li> <li>• <a href="#">Time to Climb: Inherited &amp; Acquired Traits</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Animal Sense: Examples: 4</a></li> <li>• <a href="#">Matching Pairs: Animal Senses: Vocabulary: 4</a></li> <li>• <a href="#">Matching Pairs: Animal Body Systems: Examples: 5</a></li> <li>• <a href="#">Matching Pairs: Animal Body Systems: Vocabulary: 5</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Draw It: Variation &amp; Survival Among Species: 3-5</a></li> <li>• <a href="#">Matching Pairs: Animal Survival: Application: 3</a></li> <li>• <a href="#">Matching Pairs: Animal Survival: Vocabulary: 3</a></li> <li>• <a href="#">Time to Climb: Animal Survival: 3-5</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Animals and Plants</b>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Plant and Animal Behaviors: Examples: 4</a></li> <li>• <a href="#">Matching Pairs: Plant and Animal Behaviors: Vocabulary: 4</a></li> <li>• <a href="#">Time to Climb: Plants and Animals in the Winter</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Time to Climb: Interdependence: Energy &amp; Food: 3-5</a></li> <li>• <a href="#">Time to Climb: Interdependence: Animals &amp; Seasons: 3-5</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Drag &amp; Drop: Producers, Consumers &amp; Decomposers</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Time to Climb: Parts of a Plant 3-5</a></li> <li>• <a href="#">Draw It: Compare &amp; Contrast Plant Life Cycles: 2-5</a></li> <li>• <a href="#">Draw It: Comparing Plant Life Cycles: 2-5</a></li> <li>• <a href="#">Drag &amp; Drop: Life Cycle of a Bean: 3-5</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">The Sun's Energy: 5</a></li> <li>• <a href="#">Matching Pairs: Seedless Plants Identification: 5</a></li> <li>• <a href="#">Matching Pairs: Seedless Plants: Vocabulary: 5</a></li> <li>• <a href="#">Time to Climb: Living Organisms: Plants: 3-5</a></li> </ul>

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Environment and Weather</b>	<ul style="list-style-type: none"> <li><a href="#">Food Chains &amp; Food Webs</a></li> <li><a href="#">Drag &amp; Drop: Food Chains</a></li> <li><a href="#">Drag &amp; Drop: Food Webs</a></li> <li><a href="#">Draw It: Food Chains: 3-5</a></li> <li><a href="#">Draw It: Food Webs: 3-5</a></li> <li><a href="#">Draw It: Modeling a Food Web: 3-5</a></li> <li><a href="#">Time to Climb: Food Chains</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Earth's Water: 4-6</a></li> <li><a href="#">What Is the Water Cycle?</a></li> <li><a href="#">Drag &amp; Drop: The Water Cycle</a></li> <li><a href="#">Time to Climb: Parts of the Water Cycle: 3-5</a></li> <li><a href="#">Matching Pairs: Water Resources: Examples: 5</a></li> <li><a href="#">Matching Pairs: Water Resources: Vocabulary : 5</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Alternative Energy: Renewable Resources</a></li> <li><a href="#">Natural Resources</a></li> <li><a href="#">Drag &amp; Drop: Renewable &amp; Nonrenewable Resources</a></li> <li><a href="#">Matching Pairs: Identifying Resources on Earth: 4</a></li> <li><a href="#">Matching Pairs: Protecting Earth's Resources: Vocabulary: 5</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Time to Climb: Climate Zones: 3-5</a></li> <li><a href="#">Matching Pairs: Identifying Climate Types: 3</a></li> <li><a href="#">Matching Pairs: Climate Controls: 3</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Matching Pairs: Weather-Related Hazards: 3</a></li> <li><a href="#">Time to Climb: Weather Impacts: 3-5</a></li> <li><a href="#">Matching Pairs: Natural Disasters: Examples: 4</a></li> <li><a href="#">Matching Pairs: Natural Disasters: Vocabulary: 4</a></li> <li><a href="#">Hurricanes</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Ecosystems</b>	<ul style="list-style-type: none"> <li><a href="#">Ecosystems: Introduction: 3-5</a></li> <li><a href="#">Ecosystems</a></li> <li><a href="#">Drag &amp; Drop: Ecosystems</a></li> <li><a href="#">Draw It: Ecosystems 3-5</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Ecosystems: Grasslands: 3-5</a></li> <li><a href="#">Grasslands</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Ecosystems: Desert: 3-5</a></li> <li><a href="#">Deserts</a></li> <li><a href="#">Ecosystems: Tundra: 3-5</a></li> <li><a href="#">Tundras</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Forests</a></li> <li><a href="#">Ecosystems: Tropical Forest: 3-5</a></li> <li><a href="#">Coniferous and Deciduous Forests: 3-5</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Ecosystems: Freshwater: 3-5</a></li> <li><a href="#">Ecosystems: Saltwater: 3-5</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Geology</b>	<ul style="list-style-type: none"> <li><a href="#">The Rock Cycle</a></li> <li><a href="#">Types of Rocks</a></li> <li><a href="#">Drag &amp; Drop: Types of Rocks</a></li> <li><a href="#">Matching Pairs: Types of Rock: 4</a></li> <li><a href="#">Matching Pairs: Types of Rocks: Vocabulary: 4</a></li> <li><a href="#">Time to Climb: Types of Rocks</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Draw It: Mineral: Mohs Hardness Scale: 3-5</a></li> <li><a href="#">Draw It: Minerals: 3-5</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Fossils</a></li> <li><a href="#">Draw It: Body Fossils &amp; Trace Fossils: 3-5</a></li> <li><a href="#">Draw It: Fossil Formation: 3-5</a></li> <li><a href="#">Draw It: Fossil Types: 3-5</a></li> <li><a href="#">Matching Pairs: Fossils Identification: 3</a></li> <li><a href="#">Matching Pairs: Fossils Vocabulary: 3</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Physical &amp; Chemical Weathering</a></li> <li><a href="#">Weathering &amp; Erosion</a></li> <li><a href="#">Matching Pairs: Physical Weathering: Examples: 4</a></li> <li><a href="#">Matching Pairs: Physical Weathering: Vocabulary: 4</a></li> <li><a href="#">Time to Climb: Weathering &amp; Erosion: 3-5</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Earthquakes</a></li> <li><a href="#">Matching Pairs: Plate Tectonics: Vocabulary: 4</a></li> <li><a href="#">Matching Pairs: Plate Tectonics: Vocabulary: 4</a></li> <li><a href="#">Time to Climb: Earth's Landforms</a></li> </ul>

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



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

## GRADES 6-8 SCIENCE – TOPIC / DAY (Lesson / Video / Activity)

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

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Environmental Science</b>	<ul style="list-style-type: none"> <li>• <a href="#">Food Webs and Energy: 4-7</a></li> <li>• <a href="#">Matching Pairs: Food Chains: Application: 6</a></li> <li>• <a href="#">Matching Pairs: Food Chains: Vocabulary: 6</a></li> <li>• <a href="#">Draw It: Creating a Food Web: 5-8</a></li> <li>• <a href="#">Draw It: Food Webs: 5-8</a></li> <li>• <a href="#">Drag &amp; Drop: Food Webs: 6-8</a></li> <li>• <a href="#">Matching Pairs: Food Chains &amp; Webs: Application: 6-8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">The Water Cycle</a></li> <li>• <a href="#">Earth's Water: 4-6</a></li> <li>• <a href="#">Drag &amp; Drop: The Water Cycle: 6-8</a></li> <li>• <a href="#">Draw It: The Water Cycle: 6-8</a></li> <li>• <a href="#">Matching Pairs: Water Cycle: 6</a></li> <li>• <a href="#">Time to Climb: The Water Cycle</a></li> <li>• <a href="#">Matching Pairs: Identifying Parts of the Water Cycle: 6</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Earth's Atmosphere</a></li> <li>• <a href="#">Drag &amp; Drop: Layers of the Atmosphere</a></li> <li>• <a href="#">Draw It: Layers of the Atmosphere: 6-8</a></li> <li>• <a href="#">Matching Pairs: Analyzing Earth's Atmosphere: 6</a></li> <li>• <a href="#">Matching Pairs: Layers of Earth's Atmosphere: 6</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Ecosystems: 5-7</a></li> <li>• <a href="#">Symbiosis Among Animals</a></li> <li>• <a href="#">Time to Climb: Ecosystems</a></li> <li>• <a href="#">Sustainability</a></li> <li>• <a href="#">Matching Pairs: Natural Resources: Application: 8</a></li> <li>• <a href="#">Matching Pairs: Natural Resources: Vocabulary: 8</a></li> <li>• <a href="#">Drag &amp; Drop: Renewable &amp; Nonrenewable Resources</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Climate</a></li> <li>• <a href="#">Climate Zones: 5-8</a></li> <li>• <a href="#">Climate Zones: Dry: 5-7</a></li> <li>• <a href="#">Climate Zones: Polar: 5-7</a></li> <li>• <a href="#">Climate Zones: Temperate: 5-7</a></li> <li>• <a href="#">Climate Zones: Tropical: 5-7</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Geology</b>	<ul style="list-style-type: none"> <li>• <a href="#">The Rock Cycle</a></li> <li>• <a href="#">Drag &amp; Drop: The Rock Cycle: 6-8</a></li> <li>• <a href="#">Time to Climb: Rock Cycle: 6-8</a></li> <li>• <a href="#">Sedimentary Rock Formation: 6-8</a></li> <li>• <a href="#">Sedimentary Rocks: 6-8</a></li> <li>• <a href="#">Drag &amp; Drop: Types of Rocks</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Physical &amp; Chemical Weathering</a></li> <li>• <a href="#">Matching Pairs: Types of Weathering: 7</a></li> <li>• <a href="#">Matching Pairs: Weathering: Examples: 7</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Earth's Layers: 6-8</a></li> <li>• <a href="#">Drag &amp; Drop: Earth's Layers: 6-8</a></li> <li>• <a href="#">Draw It: Describing Earth's Layers: 6-8</a></li> <li>• <a href="#">Draw It: Earth's Layers: 6-8</a></li> <li>• <a href="#">Draw It: Layers of Earth: 6-8</a></li> <li>• <a href="#">Time to Climb: Layers of Earth: 6-8</a></li> <li>• <a href="#">Time to Climb: Earth Layers &amp; Plate Tectonics</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Plate Tectonics</a></li> <li>• <a href="#">Drag &amp; Drop: Major Tectonic Plates</a></li> <li>• <a href="#">Drag &amp; Drop: Plate Tectonics</a></li> <li>• <a href="#">Draw It: Plate Tectonics: 6-8</a></li> <li>• <a href="#">Matching Pairs: Plate Tectonics: Application</a></li> <li>• <a href="#">Matching Pairs: Plate Tectonics: Vocabulary</a></li> <li>• <a href="#">Draw It: Convergent, Divergent, Transform Plate Tectonics: 6-8</a></li> <li>• <a href="#">Time to Climb: Tectonic Plates: 6-8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">How Do We Know About Earth's Past?</a></li> <li>• <a href="#">Matching Pairs: Geologic Time: Vocabulary: 7</a></li> <li>• <a href="#">Matching Pairs: Fossils: Vocabulary: 8</a></li> <li>• <a href="#">Matching Pairs: Types of Fossils: 8</a></li> </ul>

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Astronomy and Weather</b>	<ul style="list-style-type: none"> <li>• <a href="#">Phases of the Moon: 4-6</a></li> <li>• <a href="#">Draw It: Diagram: Moon Phases: 4-8</a></li> <li>• <a href="#">Draw It: Moon Phases: 4-8</a></li> <li>• <a href="#">The Moon and Tides: 6-8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Rotation and Revolution: 4-6</a></li> <li>• <a href="#">Solstice and Equinox</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Solar &amp; Lunar Eclipses: 6-12</a></li> <li>• <a href="#">Drag &amp; Drop: Lunar Eclipse</a></li> <li>• <a href="#">Drag &amp; Drop: The Lunar Cycle</a></li> <li>• <a href="#">Drag &amp; Drop: Solar Eclipse</a></li> <li>• <a href="#">Draw It: Lunar Eclipse: 6-8</a></li> <li>• <a href="#">Draw It: Solar Eclipse: 6-8</a></li> <li>• <a href="#">Time to Climb: Solar &amp; Lunar Eclipses: 6-8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Drag &amp; Drop: Solar System: Patterns of Motion</a></li> <li>• <a href="#">Draw It: Solar System: Patterns of Motion: 6-8</a></li> <li>• <a href="#">Matching Pairs: Solar System Roles: 6</a></li> <li>• <a href="#">Matching Pairs: Solar Systems: Planets: 6</a></li> <li>• <a href="#">Time to Climb: Solar System</a></li> <li>• <a href="#">Matching Pairs: Galaxy Exploration: 6</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Weather</a></li> <li>• <a href="#">Air Pressure and Weather: 6-8</a></li> <li>• <a href="#">High Pressure vs. Low Pressure Systems: 6-8</a></li> <li>• <a href="#">Weather Fronts: 6-8</a></li> <li>• <a href="#">Time to Climb: Weather &amp; Climate: 6-8</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Matter, Atoms, and Elements</b>	<ul style="list-style-type: none"> <li>• <a href="#">Changes in Matter</a></li> <li>• <a href="#">Draw It: Changes in Matter: 6-8</a></li> <li>• <a href="#">Matching Pairs: Matter Changing States: Application: 7</a></li> <li>• <a href="#">Matching Pairs: Matter Changing States: Vocabulary: 7</a></li> <li>• <a href="#">Matching Pairs: Property Changes: Application: 7</a></li> <li>• <a href="#">Matching Pairs: Property Changes: Vocabulary: 7</a></li> <li>• <a href="#">Time to Climb: States of Matter</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Draw It: Describing Physical &amp; Chemical Changes: 6-8</a></li> <li>• <a href="#">Draw It: Physical &amp; Chemical Changes: 6-8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Density</a></li> <li>• <a href="#">Mass, Volume &amp; Density</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Atoms and Chemical Reactions: 6-8</a></li> <li>• <a href="#">History of the Atom</a></li> <li>• <a href="#">Drag &amp; Drop: Parts of an Atom</a></li> <li>• <a href="#">Draw It: Parts of an Atom: 6-8</a></li> <li>• <a href="#">Time to Climb: Atoms &amp; Molecules: 6-8</a></li> <li>• <a href="#">Matching Pairs: Atomic Model: Application</a></li> <li>• <a href="#">Matching Pairs: Atomic Model: Vocabulary: 7</a></li> <li>• <a href="#">Draw It: Conservation of Mass: 6-8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Elements: 6</a></li> <li>• <a href="#">The Periodic Table</a></li> <li>• <a href="#">Drag &amp; Drop: The Periodic Table</a></li> <li>• <a href="#">Draw It: Elements in the Periodic Table: 6-12</a></li> <li>• <a href="#">Draw It: The Periodic Table: 6-12</a></li> <li>• <a href="#">Time to Climb: Atoms and Elements</a></li> </ul>

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Energy</b>	<ul style="list-style-type: none"> <li>• <a href="#">Potential &amp; Kinetic Energy</a></li> <li>• <a href="#">Drag &amp; Drop: Potential &amp; Kinetic Energy</a></li> <li>• <a href="#">Draw It: Potential &amp; Kinetic Energy: 6-8</a></li> <li>• <a href="#">Matching Pairs: Identifying Potential and Kinetic Energy: 8</a></li> <li>• <a href="#">Matching Pairs: Potential and Kinetic Energy: Vocabulary: 8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Heat Transfer: Conduction: 6-8</a></li> <li>• <a href="#">Heat Transfer: Convection</a></li> <li>• <a href="#">Heat Transfer: Radiation: 6-8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Thermal Energy: Application: 8</a></li> <li>• <a href="#">Matching Pairs: Thermal Energy: Vocabulary: 8</a></li> <li>• <a href="#">Matching Pairs: Solar Energy: Questions: 8</a></li> <li>• <a href="#">Matching Pairs: Solar Energy: Vocabulary: 8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Magnets &amp; Magnetic Fields</a></li> <li>• <a href="#">Understanding Electrical Fields: 4-6</a></li> <li>• <a href="#">Drag &amp; Drop: Electromagnetic Spectrum</a></li> <li>• <a href="#">Matching Pairs: Electromagnetic Spectrum: Application: 6</a></li> <li>• <a href="#">Matching Pairs: Electromagnetic Spectrum: Vocabulary: 6</a></li> <li>• <a href="#">Time to Climb: Electromagnetic Spectrum: 6-8</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Waves: Application: 8</a></li> <li>• <a href="#">Matching Pairs: Waves: Vocabulary: 8</a></li> <li>• <a href="#">Time to Climb: Energy</a></li> <li>• <a href="#">Time to Climb: Waves</a></li> </ul>
	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Forces and Motion</b>	<ul style="list-style-type: none"> <li>• <a href="#">Balanced and Unbalanced Forces: 6-8</a></li> <li>• <a href="#">Matching Pairs: Classifying Types of Forces: 6</a></li> <li>• <a href="#">Matching Pairs: Forces All Around: 6</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Newton's First Law of Motion: 6-9</a></li> <li>• <a href="#">Newton's Second Law of Motion: 6-9</a></li> <li>• <a href="#">Newton's Third Law of Motion: 6-9</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Matching Pairs: Newton's Laws of Motion: Application: 6</a></li> <li>• <a href="#">Matching Pairs: Newton's Laws of Motion: Vocabulary: 6</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Mass, Distance &amp; Gravity</a></li> <li>• <a href="#">Matching Pairs: Gravity Introduction: 6</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Understanding Distance &amp; Displacement: 6-8</a></li> <li>• <a href="#">Calculating Velocity: 6-8</a></li> </ul>