

Grade	“New” NGSS Topics	“Old” CA Science Standards Topics
Kindergarten	<p>Weather & Climate</p> <p>Effects of Sunlight on Earth’s Surface</p> <p>Identify Needs of Plants & Animals</p> <p>Human Impact on Environment</p> <p>Force & Motion</p>	<p>Landforms</p> <p>Weather and Seasons</p> <p>Resource Use and Conservation</p> <p>Animal and Plant Parts</p> <p>Describing Properties of Materials</p> <p>Water’s Different States</p>
Grade 1	<p>Patterns in Sun, Moon, and Stars</p> <p>Seasons: Relate Daylight to Time of Year</p> <p>How Plants & Animals Meet Needs</p> <p>How Parents Help Offspring Survive</p> <p>Waves: Light & Sound</p>	<p>Measuring Weather Observations</p> <p>Sun Warming the Earth</p> <p>Plant and Animal Habitats</p> <p>How Plants/Animals Meet Needs</p> <p>Properties of Solids/Liquids/Gases</p> <p>Changing Properties w/ Mixing/Cooling/Heating</p>
Grade 2	<p>Processes that Shape the Earth</p> <p>Modelling Landforms</p> <p>Identify Where Water is Found on Earth</p> <p>Plant Growth Investigations</p> <p>Modelling Seed Dispersal & Pollination</p> <p>Diversity of Life in Different Habitats</p> <p>Describe & Classify Properties of Materials</p>	<p>Rocks, Sand, and Soil</p> <p>Fossils Provide Evidence of Life</p> <p>Resources Meet Our Needs</p> <p>Plant & Animal Life Cycles and Reproduction</p> <p>Inherited Characteristics and Variation</p> <p>Force and Motion</p> <p>Simple Tools and Machines</p> <p>Sound</p>
Grade 3	<p>Seasons & Weather</p> <p>Climates in Different Regions of the World</p> <p>Plant & Animal Life Cycles & Reproduction</p> <p>Inherited Characteristics & Variation</p> <p>Adaptation: Change Over Time</p> <p>Interdependent Relationships & Ecosystems</p> <p>Fossils Provide Evidence of Past Life</p> <p>Balance & Motion</p> <p>Electricity & Magnetism</p>	<p>Star Patterns in the Sky</p> <p>Phases of the Moon</p> <p>Earth and Moon Orbits</p> <p>Adaptations: Change Over Time</p> <p>Biodiversity and Extinction</p> <p>Energy and States of Matter</p> <p>Mixtures and Solutions</p> <p>All Matter is Atoms</p> <p>Light and Vision</p>
Grade 4	<p>Rock Formations & Fossils</p> <p>Erosion & Weathering</p> <p>Analyzing and Interpreting Maps</p> <p>Impact of Earth Processes on Humans</p> <p>Light & Vision</p> <p>Internal/External Structures of Plants & Animals</p> <p>Senses/Brain Roles in Receiving/Processing Info</p> <p>Properties of Waves</p> <p>Energy: Forms, Storage, Conversion & Carrying</p>	<p>The Rock Cycle</p> <p>Properties of Rocks and Minerals</p> <p>Shaping the Earth’s Surface</p> <p>Food Chains and Webs</p> <p>Ecosystems</p> <p>Electric Circuits</p> <p>Magnets, Compasses, and Electromagnets</p> <p>Doing Work with Electrical Energy</p>
Grade 5	<p>Interactions Between Earth Systems</p> <p>Water Distribution & Sources</p> <p>Protecting Earth’s Resources</p> <p>Sun, Solar System & Gravity</p> <p>Energy in Food Comes from the Sun</p> <p>Plants Get Materials for Growth from Water/Air</p> <p>Decomposers & Ecosystems</p> <p>All Matter is Atoms</p> <p>Measuring & Graphing Quantitative Data</p> <p>Identifying Materials Based on Properties</p> <p>Chemical Reactions</p>	<p>Water Distribution and Sources</p> <p>Water Cycle</p> <p>Causes of Weather</p> <p>Solar System and Gravity</p> <p>Plant Internal Processes</p> <p>Atoms, Elements, and Periodic Table</p> <p>Separating Mixtures and Identifying Compounds</p> <p>Properties of Common Molecules</p>