

Also covered in Grades	Earth and Space	Also covered in Grades	Life	Also covered in Grades	Physical
	Agents of erosion - soil movement and the effects of waves, wind, water, plant growth	7	Plant classification according to characteristics Use simple keys to organize objects, organisms, events	3,5,7,8 3,5,7,8	Physical and Chemical Changes Use physical properties (size, color, texture, odor, weight, shape) to classify objects
	Erosion - rocks change by plant growth <i>GCS Grade 3</i>	7	Observe traits of 5 animal classes of vertebrates <i>GCS Grade 3</i>		
8	Evidence of changes in the Earth's surface due to volcanoes, earthquakes, cracks, erosion weathering, etc.	5 3,7 3,5,6,7	Describe life cycles of different plants and animals Energy involved in the process of photosynthesis Analyze plant and animal adaptations that help in growth, survival and reproduction	6,8  6,8 8	How technology affects human life  Measurement of length and area Measurement of weight
8	Plates of the Earth and movement <i>GCS Grade 3</i>				
8	Causes of earthquakes <i>GCS Grade 3</i>	5,7	Interaction of organisms within a habitat		
7	Composition and properties of rocks, soil, water and air found on and around Earth	6,7	Parts and systems of the human body <i>GCS Grade 3</i> Owl pellets <i>GCS Grade 3</i>	6	How do mechanical and electronic machines affect our lives? Helpful and Harmful <i>GCS Grade 3</i>
	Soil - layers of soil <i>GCS Grade 3</i>	5	Heredity causes traits to be similar <i>GCS Grade 3</i>		
7	Types of rocks - strength and luster <i>GCS Grade 3</i>				
7	Use of Moh's Hardness scale <i>GCS Grade 3</i>			6	Electrical circuits <i>GCS Grade 5</i>
7	Capacity of rocks to hold water <i>GCS Grade 3</i>			6	Electromagnetism <i>GCS Grade 5</i>
6,7	Earth's resources are limited-exhaustable and inexhaustable resources <i>GCS Grade 5</i>			6	Magnetism-charged particles <i>GCS Grade 3</i>
	Air - surrounds us and takes up space Water Cycle			6,8	Comparison of conduction properties of various materials <i>GCS Grade 5</i>
	Water Cycle- Condensation, Evaporation, Precipitation <i>GCS Grade 3</i>				
	Types of clouds & related weather Study and record weather in terms of measurable quantities such as temp. wind direction, wind speed and precipitation Flow of weather patterns Weather comparisons <i>GCS Grade 3</i>			6,8	Conservation of energy/ Recycling <i>GCS Grade 5</i>
7	North Star <i>GCS Grade 3</i> Constellation reports <i>GCS Grade 3</i> Create own constellations <i>GCS Grade 3</i>				
7	Seasons - tilt of the Earth <i>GCS Grade 3</i>				
3,7	Earth's rotation causes night and day <i>GCS Grade 5</i>				
3,7	Earth orbits the sun and moon orbits the Earth <i>GCS Grade 5</i>				
3,7	Characteristics of planet Earth <i>GCS Grade 5</i> Measure length of shadows at different times of day <i>GCS Grade 5</i>				
3,7	Sun is a star and stars are different sizes <i>GCS Grade 5</i>				
6	Observe and analyze data from an experiment to make a reasonable conclusion				
6	Make inferences from observations Create a series of steps so that a scientific investigation can be replicated Develop, design, and conduct a simple experiment to answer a question Learn when comparisons are valid in experimentation				
6	Use recorded data and multiple trials to draw conclusions				