

CURRICULUM GUIDE  
8<sup>th</sup> Grade Science  
Sixth Six Weeks

Unit of Study— S&W WTW and Paleontology – Geologic Time  
Objective 2: Living Systems and the Environment; Objective 5: Earth and Space Systems  
(Activities and Unit includes various Science processes TEKS 8.1 to 8.5)  
**NOTE: STUDENTS WILL PARTICIPATE IN THE SCOTT AND WHITE WORTH THE WAIT PROGRAM DURING THIS SIX WEEKS – SEE S&W curriculum.**

TEKS #	Knowledge and Skill TEK	Student Expectation	Vocabulary	Tools	Instructional/Assessment Resources
8.12 B	The student knows that cycles exist in Earth systems.	Relate the role of oceans to climatic changes	Pre-cambrian	Worksheets	<ol style="list-style-type: none"> <li>1. Intro to Geologic Time – worksheets and PowerPoint</li> <li>2. <i>Quiz</i></li> <li>3. Notes and Class Discussion</li> <li>4. Chapter 13 and 14 information</li> <li>5. <i>Quiz</i></li> <li>6. Trace Fossil Activity</li> <li>7. <b>Mesozoic Project</b></li> </ol>
8.12 C		Predict the results of modifying the Earth’s nitrogen, water and carbon cycles.	Paleozoic		
8.14 A		<p>Predict land features resulting from gradual changes such as mountain building, beach erosion, land subsidence and continental drift.</p> <p>Analyze how natural and human events may have contributed to the extinction of some species.</p>	<p>Mesozoic</p> <p>Cenozoic</p> <p>Fossil Periods</p> <p>Cambrian</p> <p>Ordovician</p> <p>Silurian</p> <p>Devonian</p> <p>Mississippian</p> <p>Pennsylvanian</p> <p>Permian</p> <p>Trilobite</p> <p>Cephalopods</p> <p>Crinoids</p> <p>Corals</p> <p>Brachiopods</p> <p>Amphibians</p> <p>Shell Crushers</p> <p>Moss</p> <p>Scale Trees</p> <p>Ferns</p> <p>Fin Backed Reptile</p> <p>Triassic</p> <p>Jurassic</p>		

Unit of Study—					
TEKS #	Knowledge and Skill TEK	Student Expectation	Vocabulary	Tools	Instructional/Assessment Resources
			Cretaceous Gastropods Plateosaurus Podokesaurus Stegosaurus Ichthyosaurs Archaeopteryx Brachiosaurus Brontosaurus Pines Conifers Cycads Tyrannosaurs Rex Ankylosaurus Pteranondon Deciduous Trees Tertiary Period Quaternary Period Epochs Paleocene Eocene Oligocene Miocene Pliocene Pleistocene Recent Saber-toothed tiger Wooly Mammath		