

Curriculum Map

Subject: Science	Grade Level: 5th	Sixth Week: 2nd	Week: 1
Instructional Focus Summary	The student knows how to use a variety of tools and methods to conduct science inquiry.		
TEKS/SE (Bolded TEKS/SE are assessed with TAKS) (Power TEKS/Student Expectations are Underlined) (TEKS below 80% passing on the last TAKS test)	5.4 Scientific processes. The student knows how to use a variety of tools and methods to conduct science inquiry. <u>(B) demonstrate that repeated investigations may increase the reliability of results</u>		
Concepts/ Vocabulary	landforms mineral nonrenewable ores plane minerals streak soil reflect	inexhaustible facet texture weathering hardness fossil fuels natural resources abrasive	humus erosion luster renewable smelting carbon resources cleavage
Resources	Measuring Up Lessons 32, 37, 38, 39 Seeing Science Structures Lessons 26, 27, 28, 29, 30. BKE Minerals Ch. 1 workbook pp.38-39 Bill Nye Video www.unitedstreaming.com Videos Study Island		
Instructional Activities	The Way Minerals Look Growing Crystals Scratching Minerals Minerals that Break Funny Name that Mineral Book E		
Assessment	Chapter Test- Assessment Guide pp. 133-134		

Integration	
Intervention	
Extension	

Subject: Science	Grade Level: 5th	Sixth Week: 2nd	Week: 3
Instructional Focus Summary	The student knows that certain past events affect present and future events.		
TEKS/SE (Bolded TEKS/SE are assessed with TAKS) <u>(Power TEKS/Student Expectations are Underlined)</u>	<u>5.11 Science concepts. The student knows that certain past events affect present and future events.</u> <u>(B) draw conclusions about what happened before using data such as from tree growth rings, and sedimentary rock sequences</u> <u>(C) identify past events that led to the formation of the Earth’s renewable, and nonrenewable, and inexhaustible resources</u>		
Concepts/ Vocabulary	quarry conclude weathering mold resources disadvantage	rock cycle clay measuring instrument energy fired	
Resources	Book E Ch.2 Rocks p. 50-63 Workbook pgs 40-42 Measuring Up Lessons 32,37,38,39 Seeing Science Structures Lessons 26,27,28,29,30		
Instructional Activities	Comparing Properties of Rocks Round and Round She Goes Book E		
Assessment	Ch 2 Test pp. 139-140 Assessment Guide		
Integration			
Intervention			
Extension			

Subject: Science	Grade Level: 5th	Sixth Week: 2nd	Week: 4
Instructional Focus Summary	The student knows that the natural world includes earth materials and objects in the sky.		
TEKS/SE (Bolded TEKS/SE are assessed with TAKS) <u>(Power TEKS/Student Expectations are Underlined)</u> (TEKS below 80% passing on the last TAKS test)	5.12 Science concepts. The student knows that the natural world includes earth materials and objects in the sky. <u>(A) interpret how land forms are the result of a combination of constructive and destructive forces such as deposition of sediment and weathering</u>		
Concepts/ Vocabulary	model geologist relative age mantle core	fossils crust surveying index fossils absolute age	
Resources	Book E Ch3 Earth's Structures p. 64-79 Science workbook pp 43-46 Measuring Up Lessons 32,37,38,39 Study Island Seeing Science Structures Lessons 26,27,28,29,30		
Instructional Activities	A Model Earth E66 Layering Fossils E72 Book E		
Assessment			
Integration			
Intervention			
Extension			

Subject: Science	Grade Level: 5th	Sixth Week: 2nd	Week: 5
Instructional Focus Summary	The student knows that the natural world includes earth materials and objects in the sky.		
<p>TEKS/SE</p> <p>(Bolded TEKS/SE are assessed with TAKS)</p> <p><u>(Power TEKS/Student Expectations are Underlined)</u></p> <p>(TEKS below 80% passing on the last TAKS test)</p>	<p>5.12 Science concepts. The student knows that the natural world includes earth materials and objects in the sky.</p> <p>(B) describe processes responsible for the formation of coal, oil, gas, and minerals</p> <p><u>(C) identify the physical characteristics of the Earth and compare them to the physical characteristics of the moon</u></p>		
Concepts/ Vocabulary	fold anticline erosion	fault syncline earthquake	
Resources	<p>Book E Ch.3 Earth's Structures pp E78-93 workbook p43-46</p> <p>Measuring Up Lessons 32.37.38.39</p> <p>www.unitedstreaming.com Videos</p> <p>Study Island</p> <p>Seeing Science Structures Lessons 26,27,28,29,30</p>		
Instructional Activities	<p>Big Wrinkles pE78</p> <p>Dome Questions pE80</p> <p>It's Your Fault pE86 Book E</p>		
Assessment	Ch. 3 Test p. 146-147 Assessment Guide		
Integration			
Intervention			
Extension			

Subject: Science	Grade Level: 5th	Sixth Week: 2nd	Week: 6
Instructional Focus Summary	The student knows how to use a variety of tools and methods to conduct science inquiry. The student knows that certain past events affect present and future events. The student knows that the natural world includes earth materials and objects in the sky.		
<p>TEKS/SE</p> <p>(Bolded TEKS/SE are assessed with TAKS)</p> <p><u>(Power TEKS/Student Expectations are Underlined)</u></p> <p>(TEKS below 80% passing on the last TAKS test)</p>	<p>5.4 Scientific processes. The student knows how to use a variety of tools and methods to conduct science inquiry. (B) demonstrate that repeated investigations may increase the reliability of results</p> <p>5.11 Science concepts. The student knows that certain past events affect present and future events. (A) identify and observe actions that require time for changes to be measurable including growth, erosion, dissolving, weathering, and flow (B) draw conclusions about what happened before using data such as from tree growth rings, and sedimentary rock sequences (C) identify past events that led to the formation of the Earth’s renewable, nonrenewable, and inexhaustible resources</p> <p>5.12 Science concepts. The student knows that the natural world includes earth materials and objects in the sky. (A) interpret how land forms are the result of a combination of constructive and destructive forces such as deposition of sediment and weathering. (B) describe processes responsible for the formation of coal, oil, gas, and minerals (C) identify the physical characteristics of the Earth and compare them to the physical characteristics of the moon</p>		
Concepts/ Vocabulary	landforms minerals humus ores nonrenewable carbon reflect hardness rocks dissolve destructive magma climate weather quarry fired measuring instrument conclude crust relative age geologist anticline fault	erosion resources mineral luster renewable plane cleavage smelting sediments igneous rocks observe fossil metamorphic rocks sedimentary rocks clay rock cycle resource energy mantle index fossils surveying syncline earthquake	weathering inexhaustible facet texture fossil fuels abrasive streak soil constructive cementation lava theory rock layer sediments mold weathering disadvantage model core absolute age fold erosion
Resources	Measuring Up Lessons 32,37,38,39 Book E Seeing Science Structures Lessons 26,27,28,29,30 Study Island www.unitedstreaming.com Videos		

Instructional Activities	<p>The Way Minerals Look Growing Crystals Scratching Minerals Minerals that Break Funny Name that Mineral Sort of Rocky Dome Questions</p> <p>The Rock Key Comparing Properties of Rocks Round and Round She Goes Layering Fossils A Model Earth Big Wrinkles It's Your Fault</p>
Assessment	<p>Chapter Test Assessment Guide pp. 133-134 Chapter 2 Test pp 139-140 Assessment Guide Benchmark</p>
Integration	
Intervention	
Extension	