




Unit #: 2

Everyday Science – A Green Future

essential skills and content

<b>Overview</b>	<p>How can we protect Earth’s resources? In Unit 2, students will learn the science concepts of natural resources, conservation, renewable energy sources, and going green.</p> <p>Time Frame- 4 weeks</p>	
<b>Essential Questions</b>	<p>How do I draw conclusions from a text?          How do I recall and retell what I read in a text?          How do I utilize strategies to comprehend what I am reading?          How do I use examples in the text to make an educated prediction (inference)?          How do I use noun suffixes to understand the meaning of words?          How do I use synonyms and antonyms to better understand text?          How do I use a dictionary/glossary to learn more about vocabulary?</p>	
<b>Content/Skills</b>	<p><b>Target Skill</b></p> <ul style="list-style-type: none"> <li>• Draw Conclusions (RI.4.1) (RL.4.1) Practice Companion pages 104, 122</li> <li>• Recall and Retell (RI.4.1) (RL.4.1) Practice Companion pages 151</li> </ul> <p><b>Comprehension Strategy</b></p> <ul style="list-style-type: none"> <li>• Monitor Comprehension (RL 4.1) Practice Companion pages 119</li> <li>• Make Predictions (RL 4.1) Practice Companion pages 144, 145, 164, 165 Lead 21 Website: Select E Handbook Tab Lesson</li> </ul> <p>Skills and Strategies may require additional resources and teaching.</p>	<p>Suggested skills and strategies to introduce and reinforce with this unit.</p> <ul style="list-style-type: none"> <li>• Theme (RL 4.2)</li> <li>• Character Traits (RL 4.3)</li> <li>• Point of View (RL 4.6)</li> <li>• Poetry Elements (RL 4.5)</li> <li>• Figurative Language (L 4.5)</li> </ul> <p>*Please note that practice companion pages are used to help guide instruction through independent or whole group learning.</p> <p>Suggested tools and resources.</p> <ul style="list-style-type: none"> <li>• Brain Pop *purchased item</li> <li>• Discovery Education *purchased item</li> <li>• Lead 21 Website</li> <li>• Edmodo</li> <li>• Thinglink</li> </ul>

	<p><b>Word Study and Phonics</b></p> <ul style="list-style-type: none"> <li>• <b>Spelling</b> Vowel Sounds oo (ex. tool &amp; hook); ou &amp; aw; ir, ar, &amp; air; homophones (RF 4.3) Practice Companion page 96, 114, 140, 160</li> <li>• Noun Suffixes( RF 4.3a) Practice Companion pages 105 &amp; 152</li> <li>• Prefixes (meaning not) (RF 4.3a) Practice Companion pages 123 &amp; 171 Lead 21 Website: Select E Handbook Tab Lesson 3.1</li> </ul> <p><b>Vocabulary Strategy</b></p> <ul style="list-style-type: none"> <li>• Synonyms and Antonyms (L 4.5c) Practice Companion pages 103 &amp; 139</li> <li>• Analyze Idioms (L 4.5b) Practice Companion pages 120</li> <li>• Dictionary/Glossary skills (L 4.4c) Practice Companion pages 146-147</li> </ul>	<ul style="list-style-type: none"> <li>• Glogster</li> <li>• Padlet</li> <li>• Study Island *purchased item</li> <li>• STARS and CARS *purchased item</li> <li>• Scoot Pad *free and paid versions</li> <li>• Common Core Language Arts 4 Today: Daily Skills Practice *purchased item</li> <li>• Mountain Language *purchased item</li> <li>• Time For Kids *purchased item</li> <li>• Scholastic News *purchased item</li> </ul>

		
COMPONENT	REQUIRED	SUGGESTED
<b>Formative Assessment</b>	Running Records	Weekly Assessments <ul style="list-style-type: none"> <li>• Week 1 and 2 as formatives</li> <li>• Practice companion pages</li> <li>• Study Island *purchased item</li> <li>• STARS and CARS *purchased item</li> <li>• Scoot Pad *free and paid versions</li> </ul>
<b>Summative Assessment</b>	Quarterly Benchmark Assessment	Weekly Assessments <ul style="list-style-type: none"> <li>• Week 3 and 4 as summative</li> <li>• E Handbook-Lead 21 online the last page</li> <li>• Differentiated Assessment</li> <li>• Vocabulary Quiz based on Theme Reader vocabulary</li> </ul>
<b>District-Wide Common Assessment</b>	MAP Kansas State Test Placement Test	



COMPONENT	REQUIRED	SUGGESTED
<b>Suggested Resources/ Learning Experiences</b>	LEAD 21 Close Reading-strategy/skill two to three a week	
<b>Content Literacy</b>		
<b>Technology / Media</b>	LEAD 21- online field trip	<ul style="list-style-type: none"> <li>• SMART-Resources</li> <li>• LEAD 21 online games and resources</li> <li>• EDMODO</li> <li>• Discovery Education *purchased item</li> <li>• Study Island *purchase</li> <li>• Brain Pop * purchase</li> <li>• Book Flix *purchase</li> <li>• IXL *purchase</li> <li>• Tumble Books *purchase</li> <li>• Pebble Go</li> <li>• Read Naturally</li> </ul>
<b>Differentiation / Intervention</b>	Differentiated Readers Leveled Literacy Intervention (LLI) (Reading Support) Literacy Centers	<ul style="list-style-type: none"> <li>• LEAD 21-online coaching</li> </ul>

 content-specific components

COMPONENT	REQUIRED	SUGGESTED
	Inquiry Process 21 <sup>st</sup> Century Skills <ul style="list-style-type: none"> <li>• Research</li> <li>• Note Taking &amp; Paraphrasing</li> <li>• Collaboration</li> <li>• Listening Skills</li> <li>• Evaluate &amp; Cite Sources</li> <li>• Use Library Resources</li> </ul>	Possible Inquiry Questions <ul style="list-style-type: none"> <li>• How can we protect our natural resources?</li> <li>• How can we stop being dependent on fossil fuels?</li> <li>• What would happen to Earth and the people living on it if all of the fossil fuels were used up?</li> </ul> Presentation Ideas: <ul style="list-style-type: none"> <li>• Commercial to promote awareness</li> <li>• Educreation Presentation</li> <li>• Sock Puppet Presentation</li> </ul>