

# KY Skills U Lesson Bank

## Science Lessons- Math

Lesson Title	Author	Career Cluster	NRS Level(s)/MWOTL/Supporting and Connecting Standards/ Components of Rigor/Mathematical Practice and Employability Standards
<a href="#">Introduction to Signed Numbers</a>	Sarah Menshouse		<ul style="list-style-type: none"> <li>• Level 4</li> <li>• Level D Num: Extending number sense</li> <li>• 7.NS.1</li> <li>• Level D 6.NS.6c</li> <li>• Conceptual Understanding Procedural skill and fluency Application</li> <li>• Mp.1 MP.5 MP.7</li> <li>• E.6 E.7 E.10</li> </ul>

## Science Lessons- RLA

Lesson Title	Author	Career Cluster/ Student Retention and Persistence	NRS Level/CCR Standard/ Employability Standard
<a href="#">Analyzing the Effects of Reducing, Reusing, and Recycling- Can you Make a Difference?</a>	Jackie Robertson		<ul style="list-style-type: none"> <li>• Level 3 Level 4</li> <li>• Reading Anchor 3 Level C</li> <li>• Reading Anchor 7 Level D</li> <li>• RI.4.3</li> <li>• RI.6.7</li> <li>• RI.3.3</li> <li>• E.1, E.7, E.8</li> </ul>
<a href="#">Climate Change?</a>	Susie Roberts		<ul style="list-style-type: none"> <li>• Level 2</li> <li>• Reading Anchor 8 Level B</li> <li>• RI.2.8</li> </ul>

			<ul style="list-style-type: none"> <li>• RI.1.2 RI.3.2 RI.2.6</li> <li>• E.7 E.8</li> </ul>
<a href="#">Discussing Views on Surface Mining</a>	Sarah Simpson		<ul style="list-style-type: none"> <li>• Level 4</li> <li>• Reading Anchor 9 Level C</li> <li>• RI.5.9</li> <li>• RI.5.6</li> <li>• E.1 E.8</li> </ul>
<a href="#">Health Care Jobs</a>	Susie Roberts	<ul style="list-style-type: none"> <li>• Career Exploration</li> <li>• Finance</li> </ul>	<ul style="list-style-type: none"> <li>• Level 3 Level 4</li> <li>• Language Anchor 6 Level E</li> <li>• L.11-12.6</li> <li>• E.2 E.6 E.9</li> </ul>
<a href="#">It's Your Turn! Writing an Opinion Piece</a>	Susie Roberts		<ul style="list-style-type: none"> <li>• Level 2</li> <li>• Writing Anchor 1 Level B</li> <li>• Writing Anchor 7 Level B</li> <li>• W.3.1 W.3.7</li> <li>• W.1.2</li> <li>• E.7 E.8</li> </ul>
<a href="#">My POV About Surface Mining</a>	Sarah Simpson		<ul style="list-style-type: none"> <li>• Level 4</li> <li>• Writing Anchor 1 Level C</li> <li>• Writing Anchor 8 Level C</li> <li>• W.5.1 W.5.8</li> <li>• W.5.8</li> <li>• E.5</li> </ul>
<a href="#">Uranium-Friend or Foe, Comparative Analysis in Science</a>	Jackie Robertson	<ul style="list-style-type: none"> <li>• Science, Technology, Engineering and Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>• Level 4</li> <li>• Reading Anchor 8 Level D</li> <li>• Writing Anchor 1 Level D</li> <li>• RI.8.8 W.7.1</li> <li>• WI/WL.5.1</li> <li>• E.1 E.2 E.7</li> </ul>
<a href="#">Welding Terminology, Joint and Weld Types, Diagrams and Symbols</a>	Sherraine Williams	<ul style="list-style-type: none"> <li>• Career Exploration</li> <li>• Manufacturing</li> <li>• Science, Technology, Engineering, and Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>• Level 5 Level 6</li> <li>• Reading Anchor 4 Level D Level E</li> <li>• Reading Anchor 7 Level E</li> <li>• RST.9-10.4 RST.9-10.7</li> <li>• RI.11-12.7 SL.1.4 L.8.6</li> </ul>

		<ul style="list-style-type: none"> <li>• Student Retention and Persistence</li> </ul>	<ul style="list-style-type: none"> <li>• E.1 E.10</li> </ul>
<a href="#">What Footprint Will You Leave? Synthesizing and Presenting Information Graphically</a>	Jackie Robertson	<ul style="list-style-type: none"> <li>• Science, Technology, Engineering and Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>• Level 2 Level 4</li> <li>• Reading Anchor 7 Level C</li> <li>• RI.4.7 RI.5.7</li> <li>• RI.6.7 RST.6-8.7</li> <li>• E.1 E.7 E.8</li> </ul>