

"Ancient Pockets of Sunlight" | OSEU 1: Lands & Environment

Compelling Question	How can we ensure that there are plenty of resources for everyone for all time?		
Standards and Practices	OSEUS 1.4 -- Identify and explain contemporary environmental issues facing <i>Oceti Sakowin</i> lands (i.e. Dakota Pipeline, etc.). SS 9-12.E.1.1 -- Through the construction of compelling questions, explain how the fundamental economic problem of unlimited wants with limited resources reflects enduring issues at all levels. SS 9-12.G.6.3 -- Explain the ways technology expands the human capacity to use and modify the physical environment. SS 9-12.G.7.2 -- Elaborate upon the interaction of physical and human systems and their influence on current and future condition.		
Staging the Question	Discuss the availability of resources for future generations. Identify and discuss what resources are important to the state of South Dakota.		
Supporting Question 1		Supporting Question 2	Supporting Question 3
What is reciprocity?		What role does technology play in my life?	Who do you turn to to seek wisdom about difficult decisions?
Formative Performance Task		Formative Performance Task	Formative Performance Task
Create a table comparing and contrasting differing views of reciprocity.		Create a chart, poster, or PPT displaying how resources are used.	Interview an elder or older person about their views on preservation of our resources. Reflect on the interview and write a paragraph about why that person was chosen.
Featured Sources		Featured Sources	Featured Sources
View Gladys Hawk interview: (http://www.wolakotaproject.org/?page_id=274) Library of Economics and Liberty Article: (http://www.econlib.org/library/Enc/NaturalResources.html)		What is technology? Video: (https://www.youtube.com/watch?v=D0li0k1KhR4) The 11th Hour Video: (clip: http://youtu.be/sguPheFzFBo) (full video: http://vimeo.com/107108296)	Interviewing Tip Sheet: (http://www.whatkidscando.org/features/stories/2007/maine_students/tip_sheets/INTERVIEWING%20TIP%20SHEET.pdf)
Summative Performance	Argument	Create a political cartoon urging the viewer to take action and be prepared to defend your views in class.	

Task	Extension	Create a graph displaying population growth and concurrent resource depletion.
Taking Informed Action	<p>World of Solutions Video: (http://youtu.be/rm5DxoJGAEI)</p> <p>Place students in small groups (4 or 5) to brainstorm ideas for addressing this problem that THEY would like to pursue. Have each group come up with an immediate action (what can I do right now in my community) and a long-term action (what goal might I aim for as a future solution... one that might combine my work as a scientist AND as a future Wise Elder).</p>	