

Inquiry Design Model (IDM) Blueprint™

“Environmental Changes” | OSEU 1: Lands & Environment

Compelling Question	What is the value of different types of maps?		
Standards and Practices	2.G.1.1: Construct and explain a map that includes directions, labels, and a key. OSEU 1: Oceti Sakowin land boundaries conformed to nine reservations expanding to all areas of South Dakota.		
Staging the Question	What can we learn from a map? How can a map be used to show boundaries?		
Supporting Question 1	Supporting Question 2	Supporting Question 3	
What are the different components of a map?	What do different maps tell us about South Dakota?	Where are the nine reservations of the Oceti Sakowin located?	
Formative Performance Task	Formative Performance Task	Formative Performance Task	
<p>Watch video below to get students thinking about different types of maps and components of maps. (Let’s Explore! Learning about Maps).</p> <p>Discuss cardinal directions.</p> <p>Read aloud Cardinal Directions poem “Geese on the Go” to engage students.</p> <p>Introduce various terms and have students identify them on a map of the United States (symbol, label, map key, compass rose).</p> <p>After introducing, identifying, and practicing compass rose,</p>	<p>United States Political Map - Display map and have students locate the map key and compass rose. Locate South Dakota.</p> <p>South Dakota Physical Map - Display map and have students locate the map key and compass rose. Discuss/review landforms. Students identify landforms seen on the SD map. Locate region in which you live.</p> <p>South Dakota County Map- Display map and have students locate the map key and compass rose. Discuss why states have counties. Locate the county in which you live.</p> <p>South Dakota Cities and Roads Map- Display map and have</p>	<p>Tribal Map - Display map and have students locate the map key and compass rose. Students identify each reservation based on the key. Students identify the location of the reservation in relation to each other using a compass rose.</p> <p>Distribute blank South Dakota map template to students (with reservation boundaries shaded in). Have students locate and label each of the nine reservations.</p>	

complete "Using a Compass Rose" wkst.	students locate the map key and compass rose. Locate the city in which you live.	
Featured Sources	Featured Sources	Featured Sources
<p>Let's Explore! Learning about Maps: https://www.youtube.com/watch?v=r1r4aj6Xt2g</p> <p>Cardinal Directions Poetry: https://media.nationalgeographic.org/assets/file/Cardinal_Directions_Poetry.pdf</p> <p>Using a Compass Rose: https://media.nationalgeographic.org/assets/file/Using_a_Compass_Rose.pdf</p>	<p>United States Political Map: http://urbandan.weebly.com/maps.html</p> <p>South Dakota Physical Map: http://www.mapsofworld.com/usa/states/south-dakota/physical-map-of-south-dakota.html</p> <p>South Dakota County Map: http://www.mapsofworld.com/usa/states/south-dakota/south-dakota-county-map.html</p> <p>South Dakota Cities and Roads Map: http://geology.com/cities-map/south-dakota.shtml</p>	<p>South Dakota Tribal Map: http://www.sdtribalrelations.com/maptribes.aspx</p> <p>South Dakota Outline Map: http://www.waterproofpaper.com/printable-maps/south-dakota/printable-south-dakota-county-map-labeled.pdf</p>
Summative Performance Task	Argument	Students will write an explanation telling why various maps are important. Students will explain the purpose of different maps and when they would be used.
	Extension	Students will create a map of school, classroom, or home. Students will include symbols, labels, key, and compass rose. Students will use compass rose to help a classmate or parent to find their way to a particular area in the room/home.
Taking Informed Action	<p>Understand - Students will understand how maps work and how they can help people in various ways.</p> <p>Assess - Students will decide which map would be suitable to create for their parents to find their way to the classroom for conferences.</p> <p>Act - Students will create a map of their school to help their parents find their way to their classroom for conferences.</p>	