

Grand Meadow Chert Quarry/ Wanhi Yukan Archaeological & Cultural Preserve

Knowledge Quiz

The following pages have quiz questions to help you identify what you have learned during your visit to the Grand Meadow Chert Quarry/ Wanhi Yukan Archaeological & Cultural Preserve.

Test your knowledge or quiz your friends and family! Check your answers at the end.

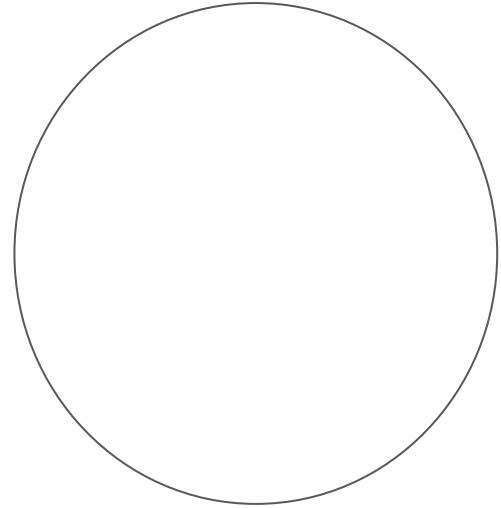
When you master each section, earn a value badge:

Modeled after [core Dakota values](#):

1. Wóohoda/Oho'da–Respect
2. Wauṅsida-Compassion
3. Wóuṅsida–Humility
4. Wówaciṅya – Dependable
5. Wówaciṅṭaṅka–Patience
6. Wówaśake – Strength
7. Oḥaṅwašte – Generosity
8. Wóbdiheic'iya–Positiveness
9. Wóokiya–Helpful
10. Wóksape – Wisdom

Giving in Return

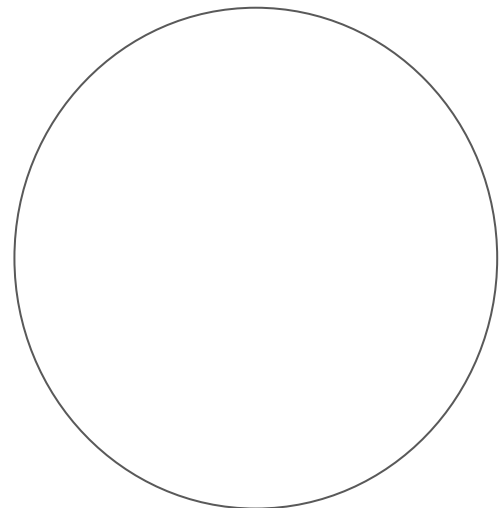
1. For how long have indigenous people come to Grand Meadow Quarry for chert?
2. Why do people make offerings at a place like this?
3. What type of things do people leave as offerings?



Wóohoda/Oho'da-Respect
Badge Here

Everything is Related

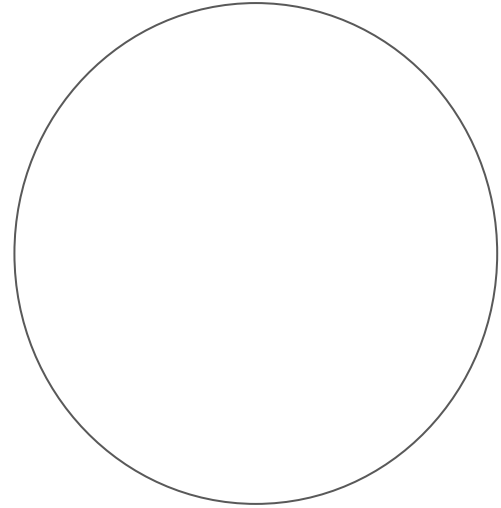
1. What does the preserve teach us about?
2. How is everything connected?



Wauṅšida-Compassion
Badge Here

Lives on the Prairie Edge

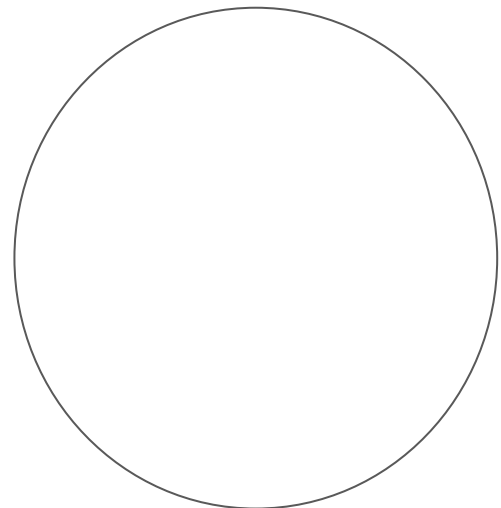
1. What is an important plant for survival on the prairie?
2. How can prairies be renewed or maintained?
3. What can be done today to help the prairie ecosystem survive?



Wóuŋšida–Humility
Badge Here

Bison Nation

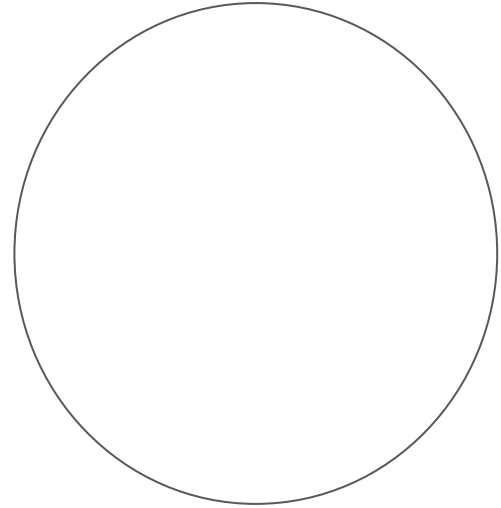
1. When was the peak of quarry activity here?
2. What did people get from the bison?
3. What did people need in order to help them process the bison?



Wówaciŋya – Dependable
Badge Here

The Perfect Spot

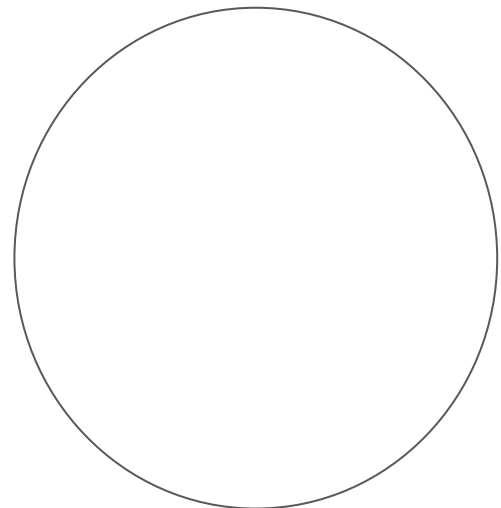
1. How long ago did the chert form here?
2. What is unique about this quarry? Why could people access the chert here and not elsewhere?
3. How many pits & trenches were dug at this quarry?



Wówaciŋtaŋka–Patience
Badge Here

A Truly Grand Chert

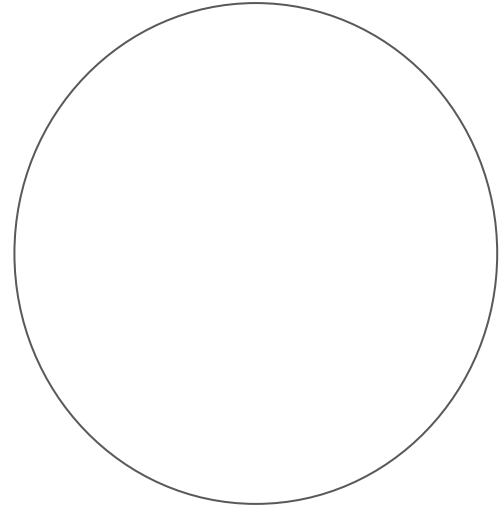
1. What is chert?
2. What is unique about Grand Meadow Chert?
3. Why is chert a good stone for making tools?



Wówaśake – Strength
Badge Here

Making These Pits

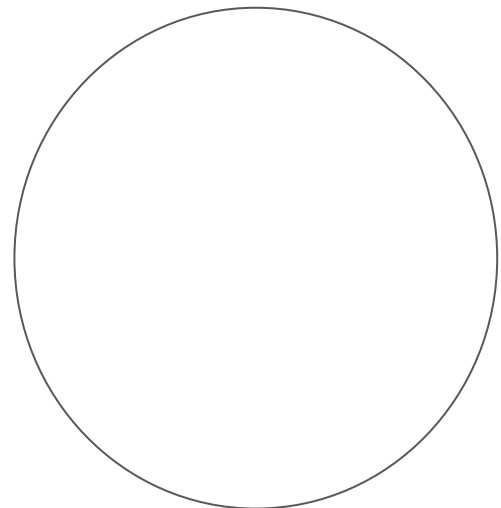
1. How were these pits made?
2. What was found in the quarry pits?
3. What were some tools typically made from chert?



Oñanwašte – Generosity
Badge Here

Rock Stars

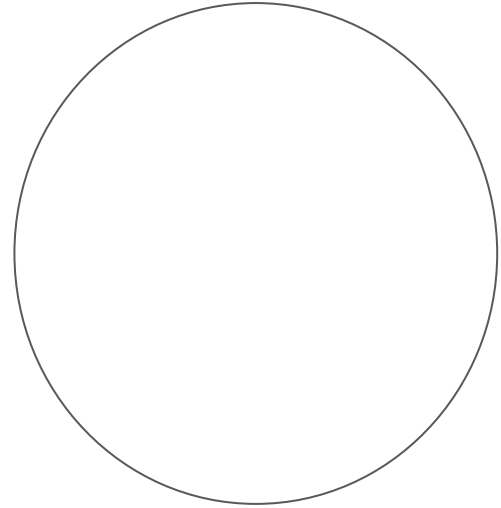
1. What is the process of making stone tools called?
2. What are smaller pieces of chert called once they are flaked off the nodule?
3. What are the names of the stone tools used to work on the chert nodule?



Wóbdihc'íya–Positiveness
Badge Here

The Hardware Store

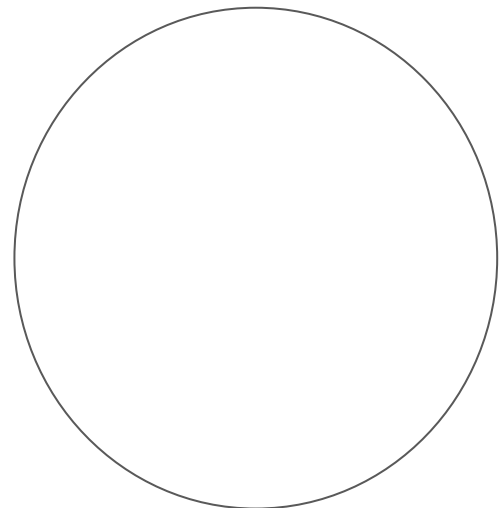
1. What kind of tools were made from chert?
2. What would happen when a stone tool became dull from use?
3. What are common things to find on archaeological sites in Minnesota?



Wóokiya–Helpful
Badge Here

More Than Just a Quarry

1. In 1300 AD who lived in this area?
2. What did the groups around this area have in common?
3. What was perhaps another reason people met at this quarry other than to dig for chert?



Wóksape – Wisdom
Badge Here

Answer key: check your understanding

Giving in Return

1. At least 8,000 years
2. To show respect
3. Prayer flags and tobacco

Everything is Related

1. The wisdom and ingenuity of the ancestors
2. Nothing in nature lives by or for itself, we all depend on the community around us.

Lives on the Prairie Edge

1. Prairie Turnip
2. Careful prairie burns
3. Prairie Restoration

Bison Nation

1. 700 years ago
2. Almost everything, from teepees to robes to jewelry to ropes
3. Chert

The Perfect Spot

1. Millions of years ago
2. The ground here was not covered in hundreds of feet of debris from the glacial melt, therefore it was close enough to the surface for people to dig out.
3. 88 pits and trenches were dug here over thousands of years

A Truly Grand Chert

1. Chert is a hard stone formed from very small quartz crystals
2. Grand Meadow Chert is considered the best quality stone in Minnesota for making tools
3. Chert can be easily shaped with a sharp edge and can continually be resharpened and reused

Making These Pits

1. They were dug by hand with tools of stone, bone, wood & antlers
2. Egg-shaped pieces of chert called nodules
3. Spear-points, arrowheads, knives, awls and scrapers

Rock Stars

1. Flint Knapping
2. Blanks
3. Hammer stone & anvil stone

The Hardware Store

1. Many everyday tools like knives, arrowheads, awls and scrapers.
2. They would be resharpened or shaped into new tools
3. Pieces of stone and broken tools are common finds on archaeological sites in Minnesota

More Than Just a Quarry

1. At least 4 separate Dakota villages
2. They had in common the Dakota language, pottery style, agriculture based in corn, beans and squash, annual bison hunts and Grand Meadow Chert.
3. Social reasons like community gatherings.

Badges: Display your mastery



Examples of what badges could look like