

Dinosaur



Junior Ranger

Activity Book



your name

your age



Directions

- Complete as many pages as your age.
Example: If you are 10, do 10 pages!
- Check off activities as you go.
- Bring your completed book to a ranger to earn your Junior Ranger badge.



Welcome to **DINOSAUR** National Monument!

Travel back in time to visit a place once full of dinosaurs. Learn about past people by visiting ancient rock art sites and homesteader cabins. Discover today's river environment, canyons, night skies, and wilderness areas.

Unscramble the words to learn some of the stories at Dinosaur National Monument.

Word bank: homeland • dinosaurs • geology • rivers • wild places



ssuroaidn



goylgeo



srirev



dloheman



iwld

lapces

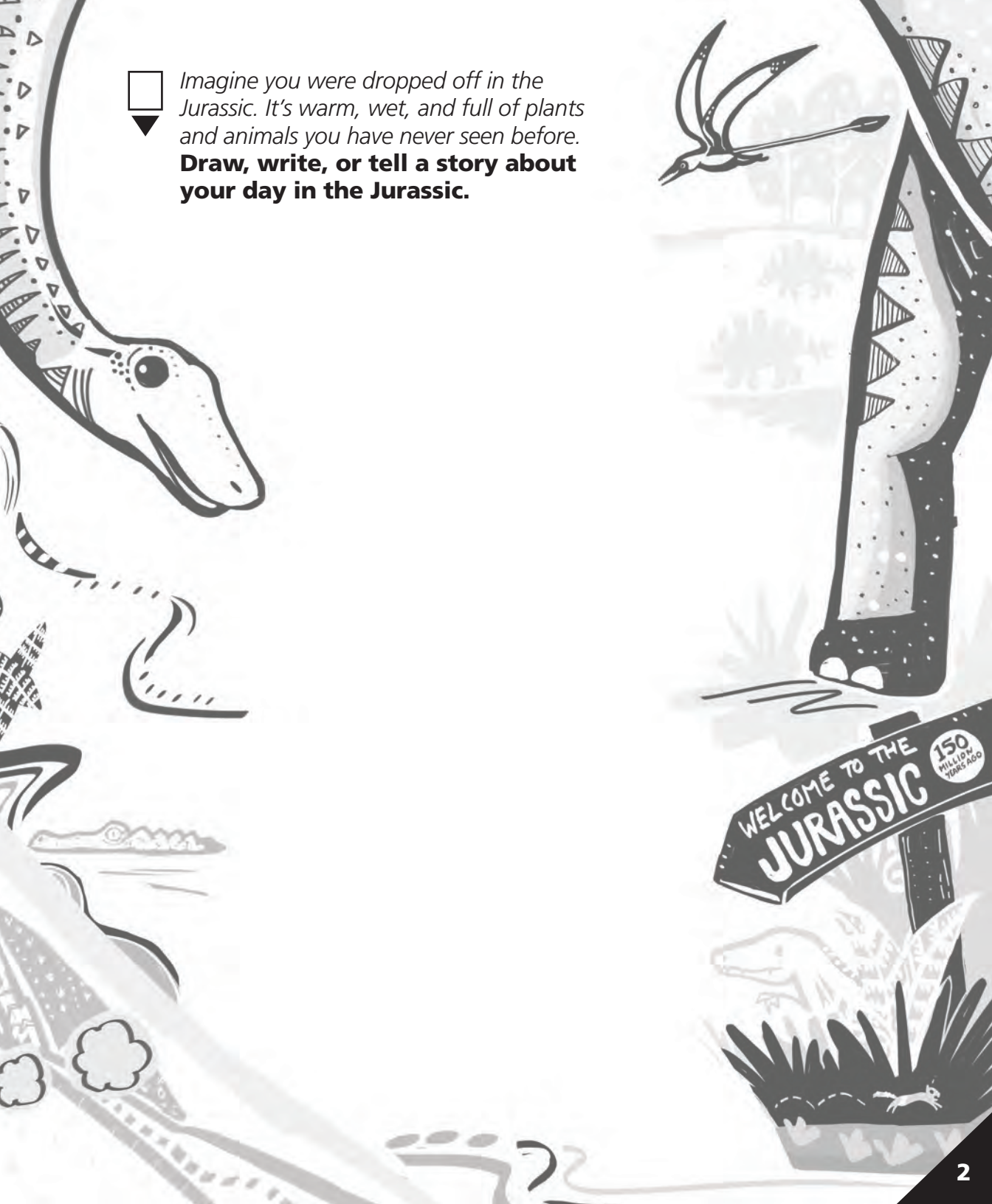
Start at the Quarry Exhibit Hall to explore the world of dinosaurs.





Imagine you were dropped off in the Jurassic. It's warm, wet, and full of plants and animals you have never seen before.

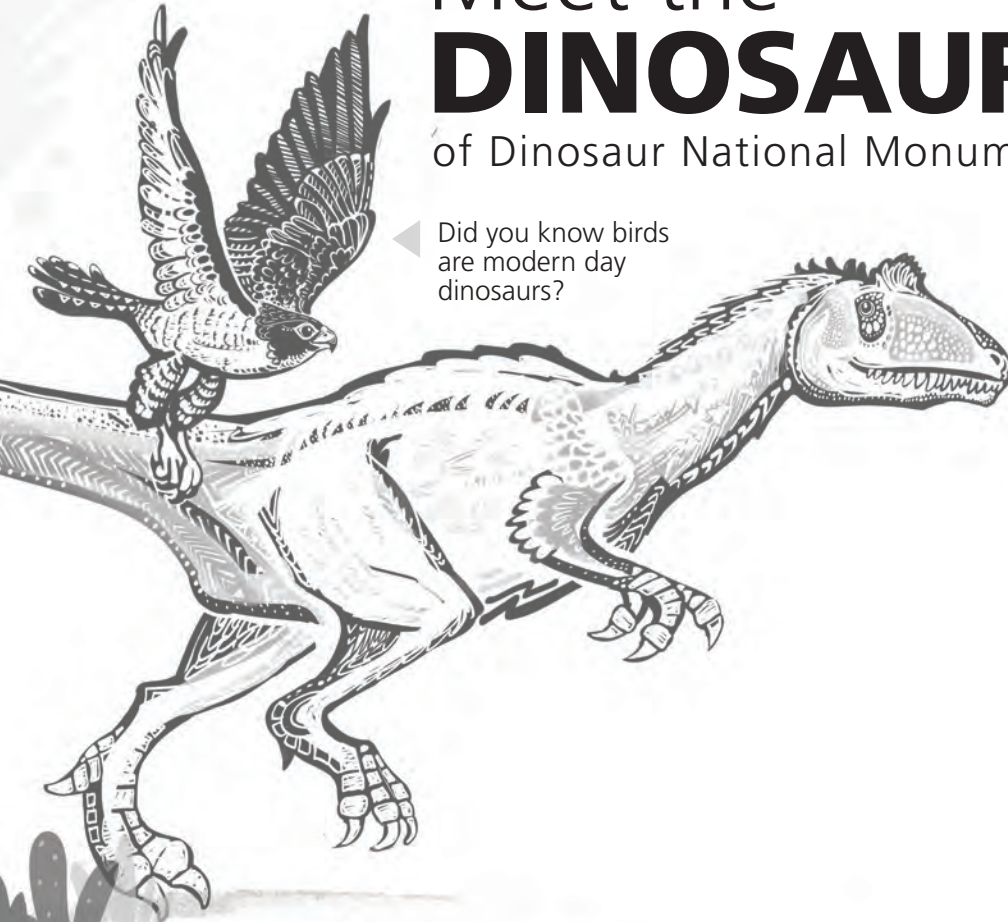
Draw, write, or tell a story about your day in the Jurassic.



Meet the **DINOSAURS**

of Dinosaur National Monument

◀ Did you know birds are modern day dinosaurs?



What is a DINOSAUR?

Dinosaur is Greek for terrible lizard. Dinosaurs are group of reptiles that lived during the Mesozoic era, around 225 to 65 million years ago.



Invent a dinosaur!

Draw your own dinosaur above.



Use the scientific name guide ▶
to give your dinosaur a name.

▼ **STEGOSAURS**
are known for bony plates and spikes.



roof lizard

▼ **SAUROPODS** are huge long-necked plant eating dinosaurs.



▼ **THEROPODS** are meat eating dinosaurs that walked on two legs.



▲
These are just a few of the dinosaurs found at the Quarry.



Fill in the meaning of each dinosaur name.

SCIENTIFIC NAME GUIDE

translation of Greek and Latin words used by scientists to name dinosaurs

allo: other
apato: deceptive
avis: bird
baga: little
baro: heavy
camara: chamber
cephalic: head

ceras: horn
cory: helmet
dino: terrible
diplo: double
docus: beam
giga: savage giant
lopho: crest

nano: very small
nodo: lumpy
odon: tooth
onyx: claw
pachy: thick
pedi: foot
saurus: lizard

stego: roof
torvo: savage
urus: tail
xeno: strange



Welcome to the Quarry!
These are real dinosaur
fossils, still in the rock
for you to see.



Explore the **QUARRY**

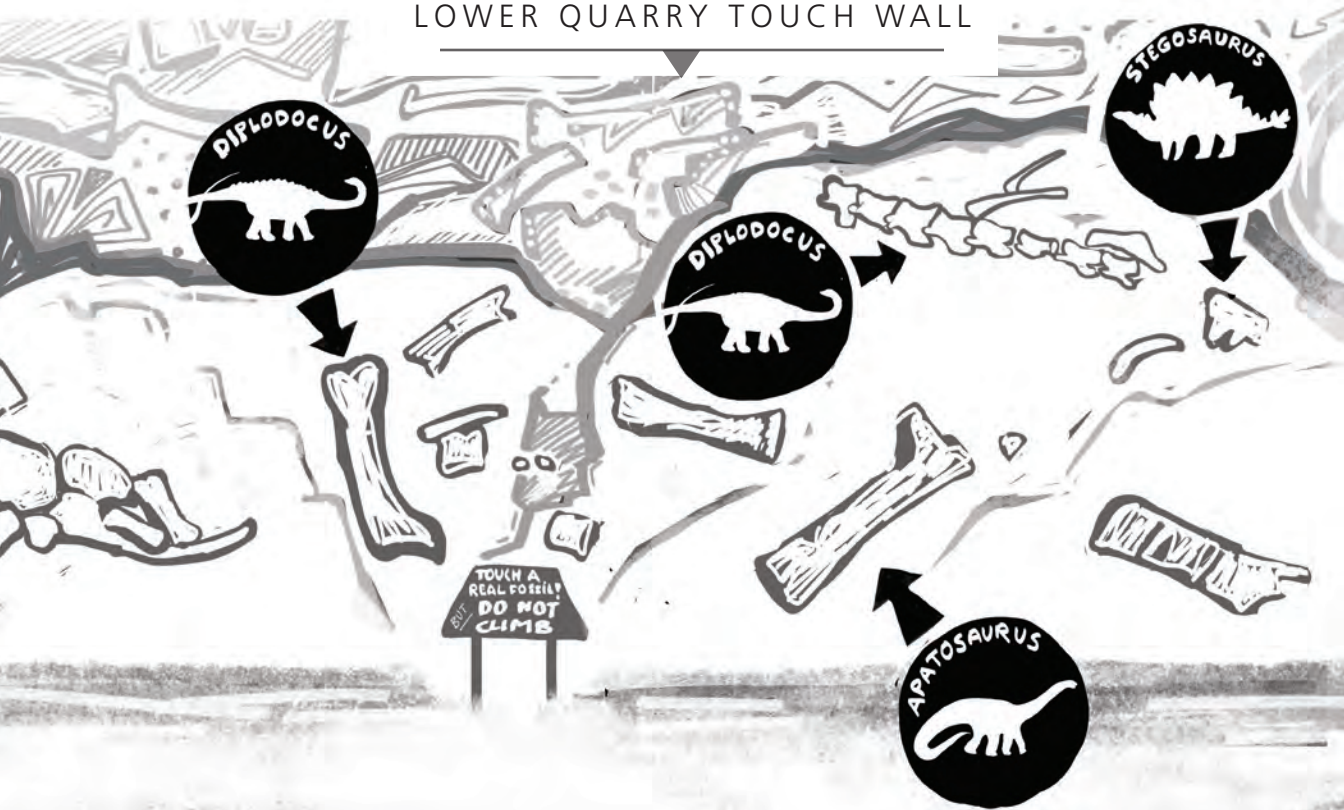


Can you find these bones? Search the Quarry wall and exhibits to check off the bones you can find. You don't have to find them all.

KINDS OF BONES

 SKULL STEGOSAURUS
PLATE NECK, BACK, OR TAIL BONES RIB

LOWER QUARRY TOUCH WALL



Touch real dinosaur fossils! Visit the lower Quarry touch wall.
How do fossilized bones feel different from the rest of the rock wall?

Discover with **BINGO**

Dinosaurs are just one chapter in this monument's ongoing story.
Use your senses to explore Dinosaur National Monument today.



Circle what you find. Try to get four in a row or the four corners.



Find a bird.



Explore a homestead.



Wave at the river.

Listen to the sound of nature.



Talk to a park ranger.



Say hello to a lizard. (But don't chase them.)

Make a song about the park and sing it!



Go on a walk outside.



Smell a plant.

Find and draw animal tracks.



Feel tree bark.



Sit for one quiet minute.

Observe: what's the weather like today?



Find a cool rock formation.



Admire a petroglyph.



Pose like a dinosaur.

Enjoy GEOLOGY

Meet a rock! Find a rock to get to know. When you are done, put the rock back where you found it.

Circle the words that describe the rock best.

ROUGH SMOOTH SLICK THIN SHARP
GRITTY WAVY HEAVY LIGHT

What color is the rock? How is it shaped? Take notes below.



Thank the **RIVERS**



JURASSIC RIVER

Some Jurassic dinosaurs lived along an ancient river. Their bones became fossils in the rock. Millions of years later, water eroded the rock layers.



NATIVE PEOPLES

The people of the Fremont culture lived near these river canyons. This area and its rivers are the ancestral lands of many native peoples of the southwest.



EXPLORERS

The Powell Expedition traveled here to map the Green and Colorado rivers. They had many challenges and lost a boat at Disaster Falls in June 1869.



HOMESTEADERS

In the 1800s and 1900s, people homesteaded and ranched along the Green and Yampa Rivers.



RIVERS TODAY

Rivers bring life to the desert. Rare fish, beavers, big horn sheep, and black bears all call this place home. Rafters explore the rugged canyons.



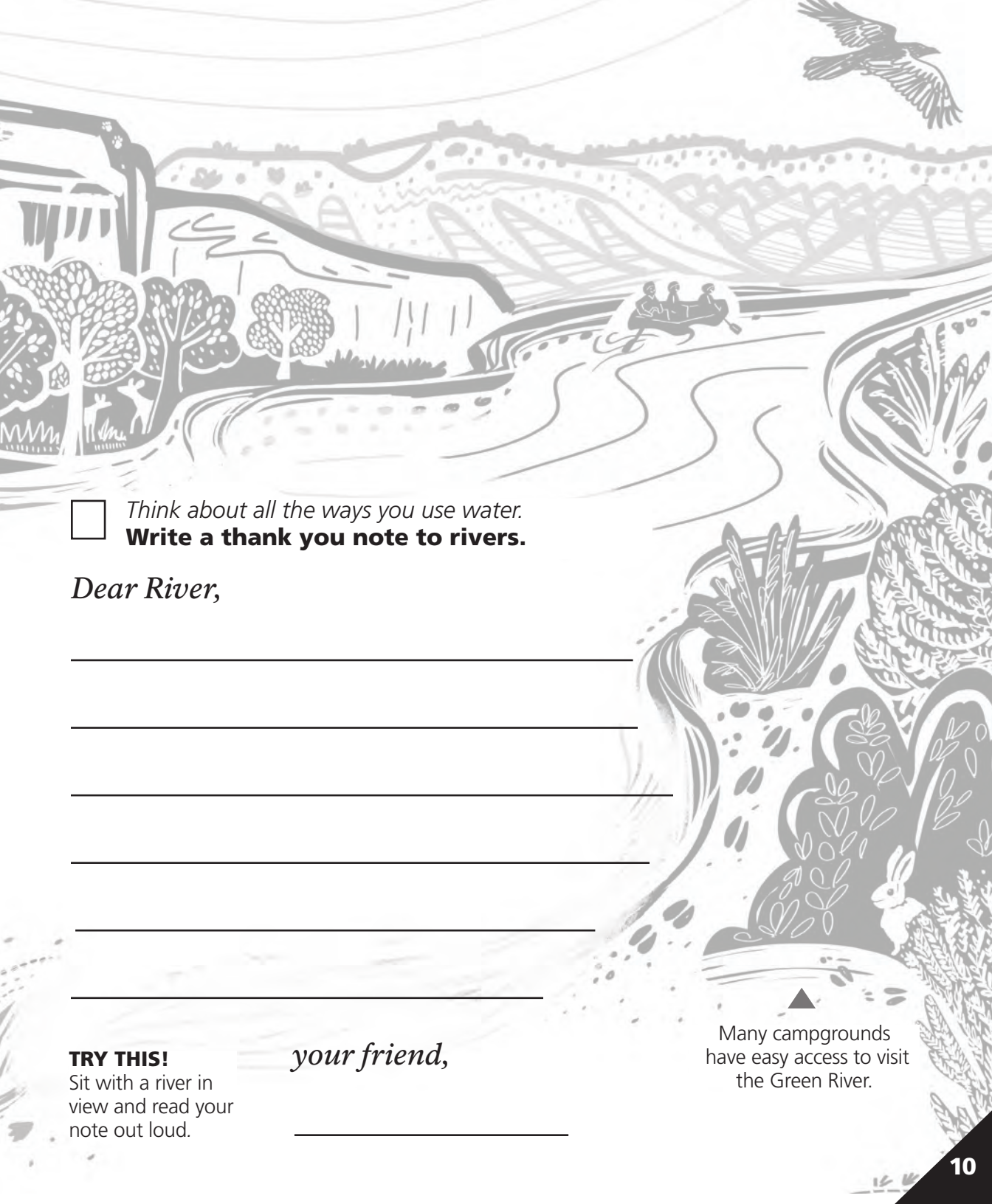
Why are rivers important?

Read the stories on the left for clues.



List one way you use water.





Think about all the ways you use water.
Write a thank you note to rivers.

Dear River,

TRY THIS!

Sit with a river in view and read your note out loud.

your friend,

▲
Many campgrounds have easy access to visit the Green River.

Respect the **LAND**

For thousands of years, people have lived in this area. They left signs of their homes in this harsh land like petroglyphs, fences, and cabins. These cultural sites are irreplaceable.



Use the code to complete the message.

You can see evidence of past people because others chose to ...



this .

THE CODE

■ = E ● = O + = T ☾ = C
◆ = H ▲ = M ★ = P ► = R

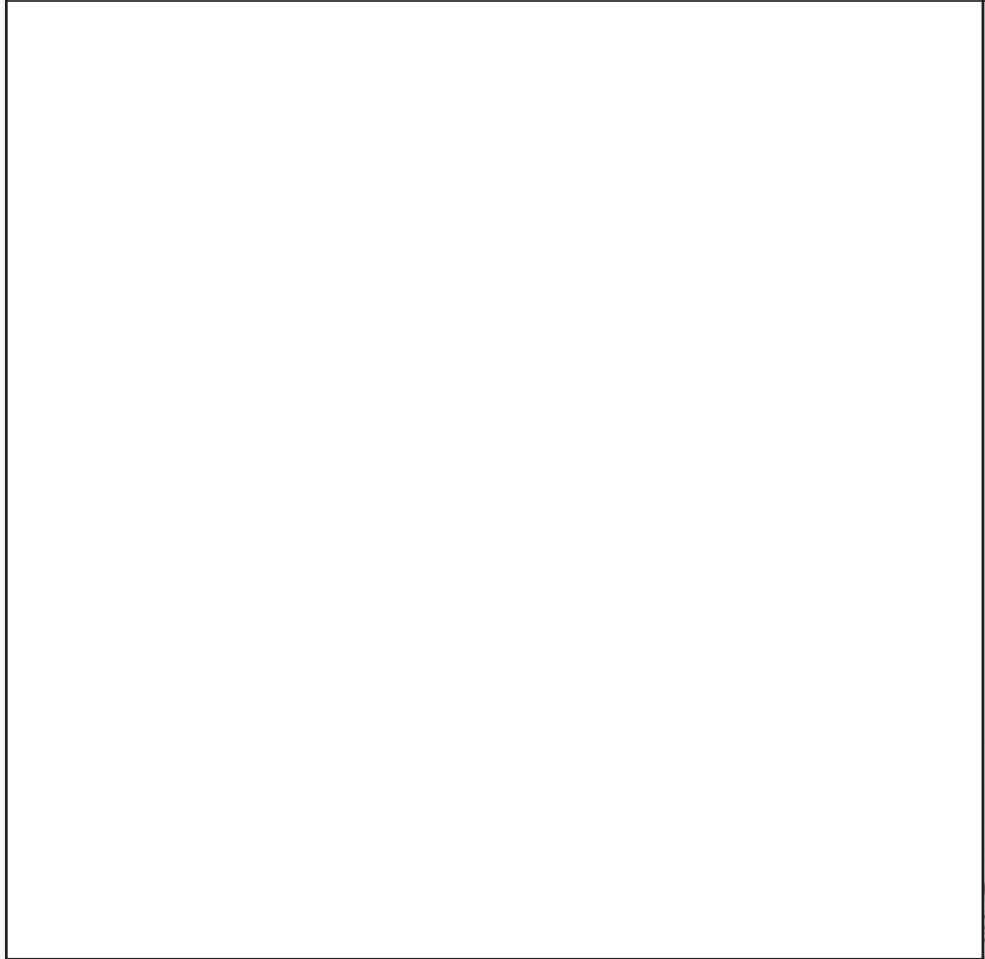
REMEMBER:

The oils on your hands are bad for the rock art. Never touch or scratch the rock.



- Rangers need your help! Some people leave graffiti, throw litter, or take artifacts when they visit. **Create a poster to help teach others how to be respectful visitors.**

BEING RESPECTFUL



CULTURAL SITES

Josie's Cabin, Cub Creek Road
petroglyphs, Swelter Shelter
petroglyphs, Pool Creek Ranch,
McKee Springs petroglyphs





Discover **WILD PLACES**

SAVING ECHO PARK

Echo Park is where the Green and Yampa rivers join together, surrounded by tall canyon walls. These canyons were almost flooded by the construction of a concrete dam. Some people said Echo Park was too important to make into a lake. After years of disagreement, the dam was stopped in 1956. Echo Park is still the heart of Dinosaur National Monument today.



Read the Echo Park story.

What makes a place feel wild to you?



Dinosaur National Monument is an International Dark Sky Park. Far away from the light of cities, you can see the night sky in all its glory.

PROTECT *the* WILD MAGIC *of* DARK SKIES

- Go stargazing
- Turn off extra lights at night
- Research constellation stories
- Tell a friend about dark skies



Make your own constellation.

Draw a picture in the stars.

What action will you take to protect dark skies? *Get ideas from the list above.*

Learn more: nps.gov/dino

Mail: PO Box 128 Jensen, Utah 84035

Art & Design: CaitlinCampbellArt.com



Share what you care about! *What was your favorite part of your visit?*



Junior Ranger Pledge

*As a Junior Ranger,
I promise:*

*to protect the fossils,
plants, animals and
history of Dinosaur
National Monument.*

*I will explore safely,
learn new things,
and share what
I learned
with others.*

