

DINO DIANE'S
ADVENTURE
CLUB

MY DINO DIANE'S FIELD JOURNAL



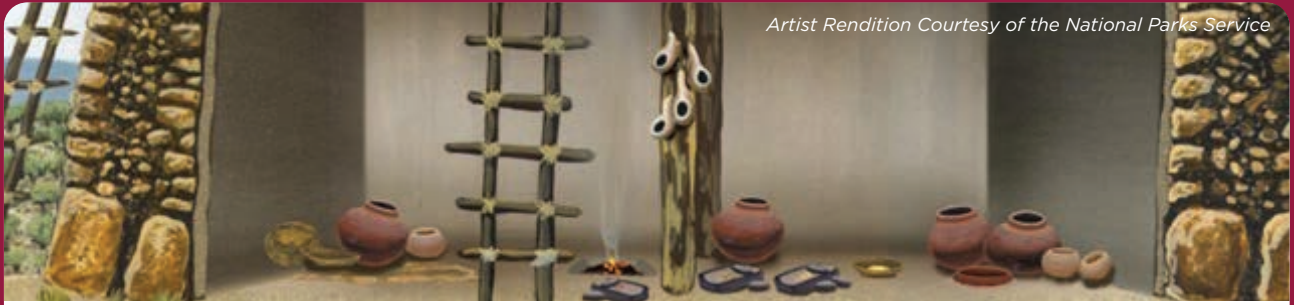
TUZIGOOT NATIONAL MONUMENT

Carkdale, Arizona

And the Adventure Continues...

Name:

Date:



Artist Rendition Courtesy of the National Parks Service

WELCOME TO TUZIGOOT NATIONAL MONUMENT

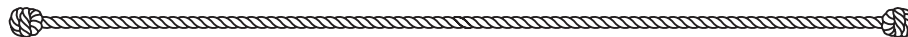
Journey back in time with Dino Diane! Over 1,000 years ago, Tuzigoot pueblo was part of a thriving community within a trade network connecting the peoples of the Colorado Plateau in Northern Arizona to the jungles of Central America and the Pacific Coast. Built high on a limestone ridge overlooking the floodplains of the Verde River, this 110-room village was home to the Sinagua people, who tended their cotton and farm fields and hunted and gathered in the valley woodlands of juniper, shrub live oak, and pinyon pines.

Dino Diane loves learning! That's why she carries a field journal everywhere she goes to jot down and draw things she learns on her adventures. So, sharpen your pencil and get ready for an adventure through the museum and hilltop pueblo to explore the culture of the Sinagua people.



Excavated in 1933–1934, the village name of “Tuzigoot” is a corruption of the Tonto-Apache name “Tú Digiz,” translated as “Crooked Water,” describing the nearby stretch of the Verde River.

Your nature scavenger hunt begins outside of the visitor center, discovering the native Arizona plants. Then, come along with Dino Diane on a museum scavenger hunt to explore the mysteries, values, and wonders of the Sinagua people! Complete your scavenger hunt on the trail exploring the ancient pueblo.



**NATIVE
PLANTS**



**TUZIGOOT
MUSEUM**



**HILLTOP
PUEBLO**



**DINO DIANE'S
ADVENTURE
CLUB**

NOT AN ADVENTURE CLUB MEMBER YET?

Join today at DinoDianesAdventureClub.org

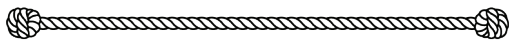
NATIVE ARIZONA PLANTS

PRICKLY TREAT

One of Dino Diane's favorites is this hedgehog cactus! Its Latin name includes "echino," which means spiny—ouch! It's a favorite of people and wildlife, too. Discover why!

Who enjoys the nectar from the hedgehog's red flowers?

Who eats the strawberry-like fruit?



FOREST FLOUR

The mesquite tree was an important resource for ancient people. It grew along the Verde River in bosques, Spanish for "small forests."

Describe three ways the tree is used:

Seeds and pods: _____

Sap: _____

Other tree parts: _____

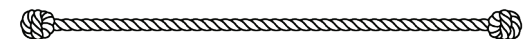
Now you're
becoming an
Ethnobotanist!

HEAD TO TOE

Why is the banana yucca described as being useful from "head to toe"?

Draw:

Explain: _____



WOVEN INTO LIFE

Name four ways beargrass is useful to the Native American people:

1. _____
2. _____
3. _____
4. _____



THE TUZIGOOT MUSEUM

**SHHH! VISIT RESPECTFULLY FOR
EVERYONE'S SAFETY & ENJOYMENT**



DID YOU KNOW ... you could develop a more positive attitude toward science and achieve higher scores in reading, math, and science by visiting a museum? A trip through the museum inspires curiosity, excitement, and lively chats with family and friends. Here's your place to start!

CONNECTING PAST TO PRESENT

What does Tuzigoot mean to the Hopi people? Explain:

EXCAVATING TUZIGOOT: A MONUMENTAL PROJECT

About 40 large villages were scattered in the Verde Valley between 1,000 and 1,400 years ago. Only Tuzigoot was excavated.

Draw it before excavation in 1933:



THE ARCHEOLOGICAL FINDINGS

The work of archeologists Caywood and Spicer was to describe the architecture, artifacts, and burials found at Tuzigoot.

Which three questions will future archeologists have to discover answers for?

1. _____
2. _____
3. _____

**OUR STUDY OF THE PAST IS OPEN TO CRITIQUE
AND CHANGE. ARCHEOLOGISTS SHOULD ALWAYS
BE ASKING:**

*How did they do that? Why?
How do we know that?
Does everyone see it that way?*

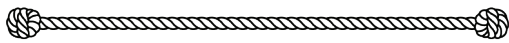
**Now you're
thinking like an
archeologist!**



THE WORK

Why excavate? What six things had archeologists accomplished by June 1934?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____



The efforts of archeologists Caywood and Spicer saved Tuzigoot for two important reasons:

Benefit #1: _____

Benefit #2: _____

Be sure to walk through the reconstructed ancient stone rooms and honor the people that once lived in them with your silence.

OLD THINGS THROUGH MODERN EYES

As caretakers of Tuzigoot, it is our responsibility to consider the beliefs and concerns of the descendants who ask us to treat this place of their heritage with Respect.



POTTERY DISPLAY

Pottery unearthed at Tuzigoot are artifacts. Objects made by humans, and not replicas. In the Southwest, pottery varied from area to area, tribe to tribe, & changed over time.

Draw and describe your favorite:

Name three ways American Indian tribes are empowered to influence research today:

1. _____

2. _____

3. _____



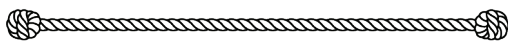
THE CULTURE OF TUZIGOOT

Who actually lived at Tuzigoot is up for debate! Some scholars say the Sinagua people. Give three reasons why they think this:

1. _____
2. _____
3. _____

Other scholars think Tuzigoot was inhabited by local groups with Mogollon cultural heritage, part of what they call the Central Arizona Tradition. Give three reasons why they think this:

1. _____
2. _____
3. _____



HILLTOP LIVING

Describe the advantages of perching the stone village on a hilltop:

BOUNTY AT HAND

The Verde Valley has been a desirable place for humans to live for over 13,000 years.

Describe six reasons why:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

THE GIFT OF AGAVE

One of the most important diverse plants was the agave. With its bluish blades, each tipped with a hard point, the fibrous leaves were readily used as a needle and thread for sewing. What else was the plant used for?

Describe three uses:

1. _____
2. _____
3. _____

BOUNTIFUL HARVESTS – COTTON

By the 1300s, cotton became another important crop. Describe why:



LIFE'S JOURNEY

Rock art, known as petroglyphs or pictographs, often honor birth and new life. In the Southwest, Hopi girls wear hair whorls when they reach childbearing age. Draw your own rock image of a girl with hair whorls, a friend or yourself:

LIFE'S JOURNEY – BURIALS

Much of what archeologists have learned about the Sinagua people comes from their burial grounds. Over 400 human remains were unearthed, many children and infants.

Which items were sent with the people to the afterlife?

Do you know that the Native American Graves and Repatriation Act states that American Indian Tribes have rights and beliefs to be protected?

What else does it provide?

RITUALS AND IMAGERY – PAINTING

Painting throughout native cultures of the Southwest represents something sacred, a devotion to life. Excavated at Tuzigoot were 21 paint mortars, palettes, and minerals that would have been ground to produce pigments of white, red, green, yellow, and blue.

What items did the Sinagua paint?

Who did the painting?

Which resource was used to make the pigments below?

_____ → **Green Pigment**

_____ → **Blue Pigment**

What did the color red, in the middle of a circle, represent?



THE FLOWER WORLD

Bells, rattles, flutes, and bird song evoke the paradise of the Flower World, a place described by many native people of the Southwest as filled with colorful birds, butterflies, rainbows, and flowers. Use your imagination to draw and color this magical world of abundance. What could the Flower World mean to you?

SYMBOLISM OF POTTERY

The Hopi tell us that both the color and designs on pottery have meaning.

Symbols _____ → Meaning

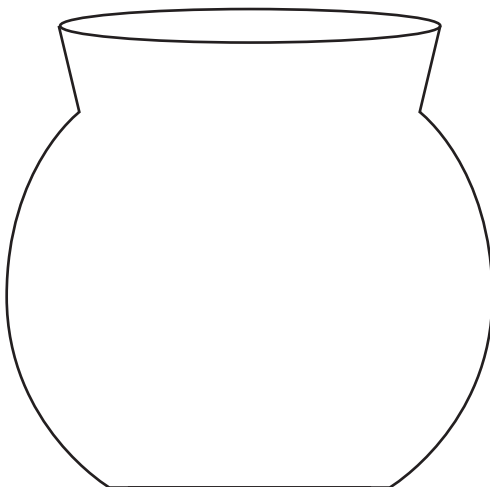
Dotted squares → _____

Stair-step → _____

Zigzags → _____

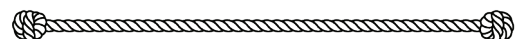
Parallel lines → _____

Use each symbol to draw a pottery design of your own:



TRAILS TO AND FROM TUZIGOOT

In the 1300s, the Verde Valley was a place of great abundance, with reliable water sources, attracting people and immigrants from all over the Southwest. Identify the choices or options the people living at Tuzigoot had on how to deal with the numerous visitors. Circle which you would choose:



By the late 1300s, many of the people of Tuzigoot left their home pueblo. What are the possible reasons why?

**Hey, you're
becoming an
archeologist!**



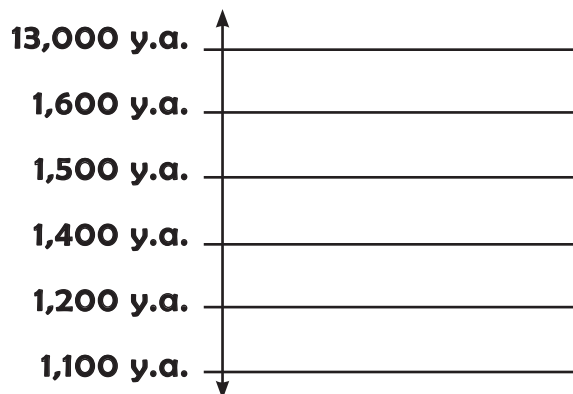
PUEBLO TRAIL – OUTSIDE

FROM RUBBLE TO RECONSTRUCTION

Standing before the reconstructed pueblo is inspiring. Try to imagine yourself living here. Describe a moment of your life at Tuzigoot:

PEOPLE OF THE VERDE

What happened? When? (*y.a.* = *years ago*)



AN EVOLVING VILLAGE

Archeologists can trace the development of Tuzigoot over centuries from a few hilltop rooms to the 110-room pueblo before you.

Which four techniques did they use?

Continue your adventure to the left!

CLUES IN ARCHITECTURE

The people of the Colorado Plateau constructed their roofs by running wood beams from wall to wall without support posts, and most rooms had doorways. Draw how Sinaguan construction was different:

CLUES FROM LIFE AND DEATH

Along this hillside, archeologists discovered artifacts buried in their refuse, or trash, giving them clues to the people's diet and daily life and how they buried their dead. Name three things archaeologists learned from the refuse site?

1.

2.

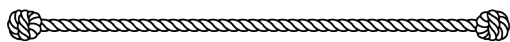
3.

Do not touch, stand, sit, climb, or lean on fragile walls.

Take nothing but pictures, leave nothing but footprints.

CARING FOR TRACES OF THE PAST

The original pueblo walls were built with mud mortar that eroded away once the people left, causing the roof and walls to collapse, filling the rooms with rubble. What happened when archeologists removed the rubble during excavation? Explain:



What preservation measures were taken to prevent further erosion and damage?

1. _____
2. _____
3. _____
4. _____

ROCKS, RITUALS, & RESOURCES

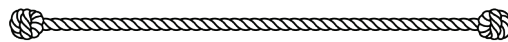
Rocks were an important source for adornments, paints, and stone carvings ~ valuable for trade.

Name the four valuable rock resources:

RICH IN MINERALS

Today, the land to east of Tuzigoot is rich in copper and unfortunately, the tailings, or waste from mining, about five million tons, are spread over the 116 acres before you.

What did the Phelps Dodge Company do to prevent the damaging dust storms? Describe:



THE PUEBLO'S PLAZA

Seashells from the Pacific Ocean, remains of a scarlet Macaw from Mexico, and painted pottery from the Hopi Mesas in northeast Arizona are all evidence of the immense trade network Tuzigoot was a part of.

Draw the Hopi Jeddito yellow bowl:

Did you know that the Yavapai word for money is "wi," meaning rock?



MOVING ON

The Hopi believe that the Verde Valley was never intended to be a permanent Home. Which three signals may have let the people know that it was time to move on?

1. _____
2. _____
3. _____

YOUR FAVORITE NUGGET OF THE DAY:

Everything you learn is like finding a golden nugget! Tell Dino Diane what you enjoyed learning about most today?

Support your
National Park
Service - Volunteer
& Donate



BEFORE YOU LEAVE...

THINGS TO DO

- ☐ Hike the .5-mile trail to Tavasci Marsh overlook.
- ☐ Have a picnic outside.
- ☐ Tuzigoot bird & wildlife watch. Lots to spot!
- ☐ Check out the Junior Ranger Program.
- ☐ Check out the Bark Ranger Program.




VISIT TUZIGOOT PARK STORE

You'll love all the books and gifts, apparel, and more!

ENJOY VERDE VALLEY NATIONAL MONUMENTS

- ☐ Montezuma Castle National Monument.
- ☐ Montezuma Well National Monument.
- ☐ Visit the online Southwest Virtual Museum for a photo collection of Tuzigoot artifacts!

NEARBY ATTRACTIONS!

-  Dead Horse State Park
-  Fort Verde State Historical Park
-  Honanki Heritage Site

COME BACK SOON!



**MORE FIELD JOURNALS ADVENTURES
AWAIT YOU! CHECK OUT OUR WEBSITE!**

DinoDianesAdventureClub.org



DINO DIANE'S ADVENTURE CLUB... WRITING CONTEST!

Dino Diane wants to hear about your adventure learning in nature and all the fun you had with friends and family.

Write about, "My Dino Diane's Adventure Day at Tuzigoot State Park."

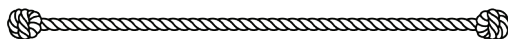
It's as easy as 1, 2, 3!

1. Become a member today!
2. Log in to your Adventure Portal for details.
3. Enter to win cash prizes of:

\$100 \$50 \$25

First Place Second Place Third Place

Join today and submit your entry to win!



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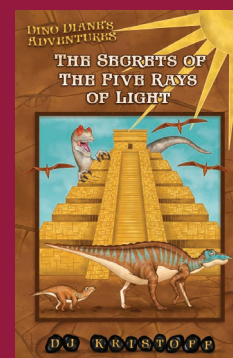
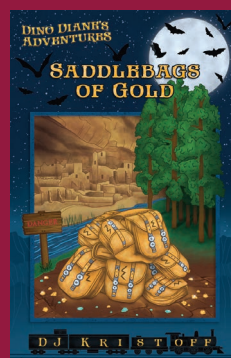
ACKNOWLEDGMENT AND ASSUMPTION OF RISKS AND RESPONSIBILITY and RELEASE OF LIABILITY

There are significant elements of risk in any adventure sport or activity associated with the outdoors and wilderness. In recognition of the inherent risks of any Dino Diane's Adventure Club suggested activities, parents and caregivers of any participating minor children will solely and fully assume responsibility for the safety and welfare of themselves and their children for any activities engaged in and confirm that adults and children are physically and mentally capable of participating in any such activity and hereby release and, in the case of minor children, indemnify Dino Diane's Adventure Club and any of its representatives and associations wholly and completely from all liability, and waive any claim for damages or injuries arising from any related cause whatsoever.

**FIELD JOURNAL DESIGNED AND
ILLUSTRATED BY GRETA VAN MORAN**

WE APPRECIATE YOUR KIND SUPPORT!

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DinoDianesAdventureClub.org



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