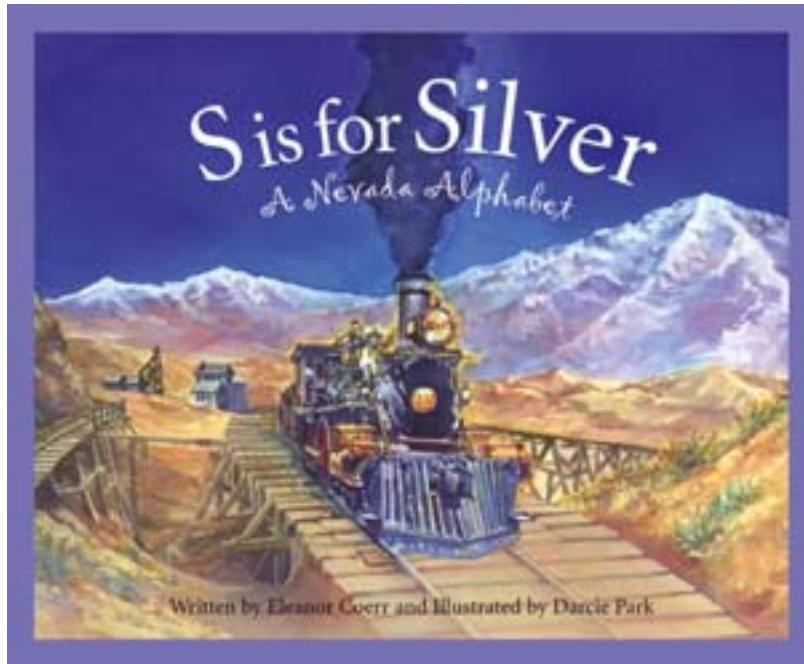


A Teacher's Guide



Written by Eleanor Coerr
Illustrated by Darcie Park

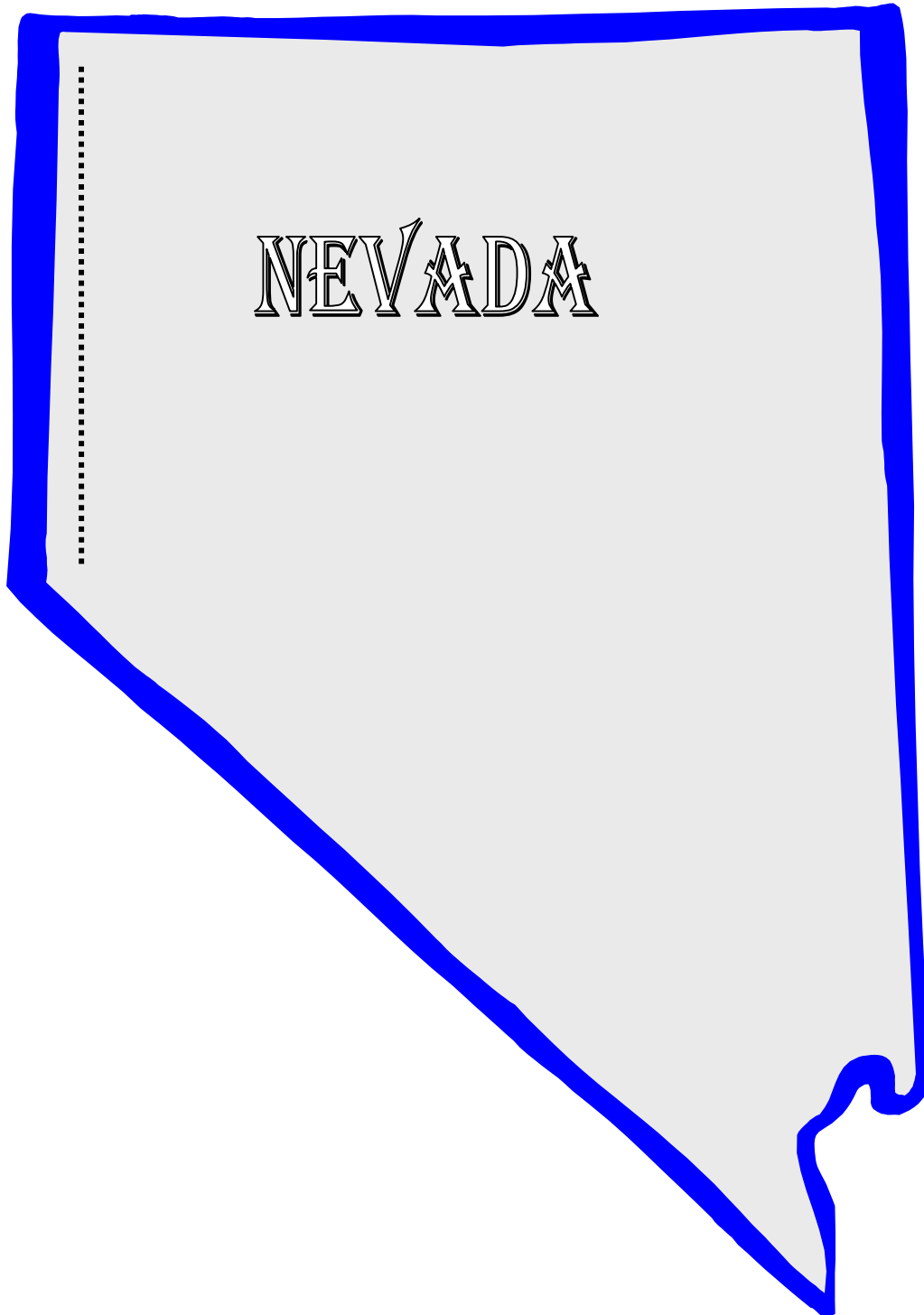
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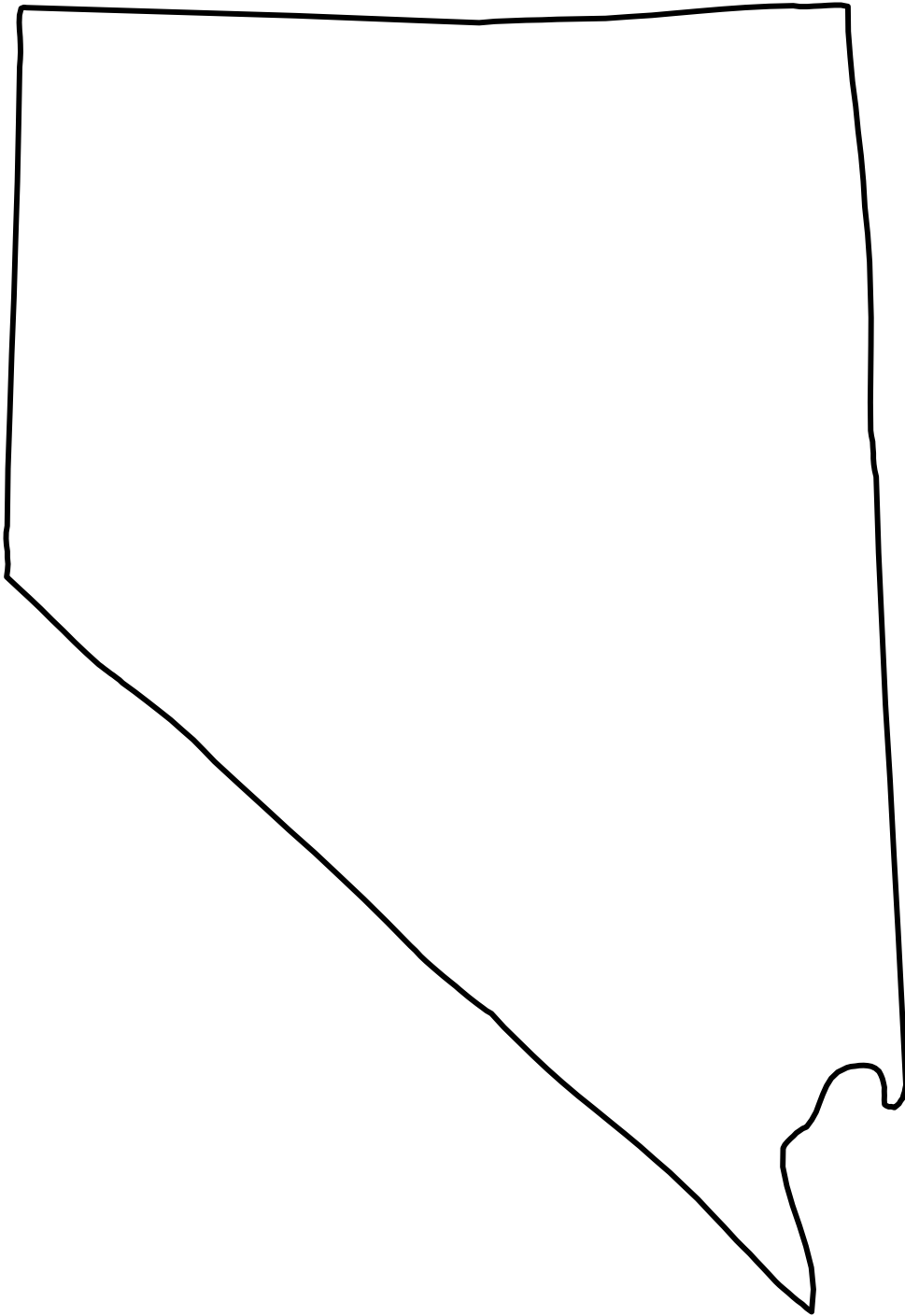
Teacher's Guide written by Patricia Pierce

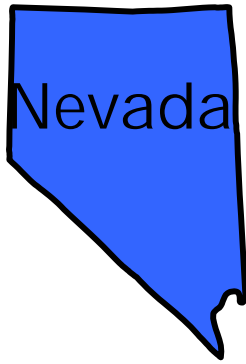
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Nevada State Symbols Book

Create a Nevada state symbols book! Use the following map outlines for your front cover and pages of your book. Read *S is for Silver: A Nevada Alphabet* to discover information about Nevada's state symbols. Draw and write about each symbol on copies of the blank map outline. After completing your pages, connect the pages to the cover by stapling along the dotted line on the front cover.







Nevada Acrostic Poetry

Write an acrostic poem about Nevada. Begin by writing Nevada in capital letters vertically down a piece of paper. Each line of poetry must begin with the letter on that line and must pertain to Nevada. You may use one word or phrase for each line and it does not have to rhyme. Use adjectives and phrases that describe Nevada. Read *S is for Silver: A Nevada Alphabet* for ideas.

Examples

Nevadans search for silver and gold
Eureka was their cry
Virgina City, here we come
Armed with shovels and picks
Digging through the rocky ground
Amazing tommyknockers tap the mines

Neon Vegas Vic and Vicki
Enormous hotels
Visitors on vacation
Attactions
Dining at buffets
Appause at the magic show



Nevada's Amazing Animal Desert Bighorn Sheep

"Ram" together each pair of word groups on the left with the word groups on the right to make sentences about Nevada's state animal, the desert bighorn sheep. Ram the sentences together by drawing a line between the word groups that go together.

Female bighorn sheep

are called rams.

Male bighorn sheep

are called lambs.

Young bighorn sheep

are called ewes.

Desert bighorn sheep

is a harsh environment.

Desert country

live in dry mountain ranges.

Bighorn sheep hooves

are good for mountain climbing.

You can tell the age of bighorns

have horns.

A full curl horn

takes at least seven years to grow.

Both male and female bighorns

by counting the rings on its horn.

A bighorn's tail

can weigh as much as 175 pounds.

The eyesight of bighorns

is very short.

A male desert bighorn

allows them to see a mile away.

~ ~ ~ ~Paper Weaving~ ~ ~ ~

Dat-So-La-Lee wove her tribal history and stories into Nevada's history. Learn more about this great Washoe artist on page D of *S is for Silver: A Nevada Alphabet*.

~ ~ ~ ~CREATE YOUR OWN PAPER WEAVING~ ~ ~ ~

MATERIALS

Scissors and glue

Two pieces of different color construction paper

DIRECTIONS

1. Fold a piece of construction paper in half.
2. Make cuts from the fold out to about one inch from the edge of the paper.
3. Unfold your cut paper and lay flat. This will be your "warp."
4. Cut long, one-inch strips from the other piece of construction paper.
5. Weave the strips in and out of the warp.
6. When weaving is finished, cut off any hanging ends of the weaving strips.
7. Glue the strips in place along the edges of the warp.

TRY THIS!

On other weaving projects try these suggestions.

- Cut your warp cuts in a wavy pattern.
- Use several different colors of paper for your weaving strips.
- Use flat ribbon for weaving instead of paper.
- Cut the weaving strips into different widths.
- Try different types of paper, such as wrapping paper or magazines for weaving.
- Laminate the paper weavings and use as lunch mats.

Nevada Diamante Poem

Find a partner!

Read *S is for Silver: A Nevada Alphabet*.

Write a diamante, a diamond shaped, poem about Nevada.

Follow the pattern below.

Have fun!

Nevada

Write Nevada's state colors

Write three state symbols of Nevada

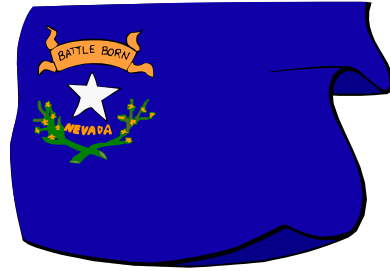
Write the names of four famous people from Nevada

Write three tourist attractions

Write two more state symbols of Nevada

Write Nevada's capital

Nevada's State Flag



How many states entered the Union during the Civil War?

Find the answer to this question and other interesting facts about Nevada's state flag on page F of *S is for Silver: A Nevada Alphabet*.

Directions: Each sentence below contains one incorrect word. Cross out the incorrect word and write the correct word above it to make the sentence true. Refer to page F of *S is for Silver: A Nevada Alphabet* for help.

1. The official colors of Nevada are black and silver.
2. Gold is Nevada's state mineral.
3. Nevada is a Spanish word for "snowstorm."
4. Nevada's state flower, sunflower, is part of the flag's design.
5. In the upper left-hand corner of the flag is a five-pointed silver diamond.
6. Nevada was the only state to join the Union during the Revolutionary War.
7. "Battle Strong" is printed across the top of Nevada's flag.



THE GREAT SEAL OF THE STATE OF NEVADA

The Great Seal of the state of Nevada was the first symbol Nevada adopted. Everything depicted on the seal has special meaning to the state of Nevada.

Learn more about Nevada's Great Seal by reading page G of *S is for Silver: A Nevada Alphabet*. Can you explain what some of the different images on the seal represent?

Image	What does it represent?
36 stars on the inner ring	
Silver miner	
Train	
Telegraph poles	
Sheaf of wheat	
Sunrise over snowcapped peaks	

H is for Hoover Dam and Hard Hats

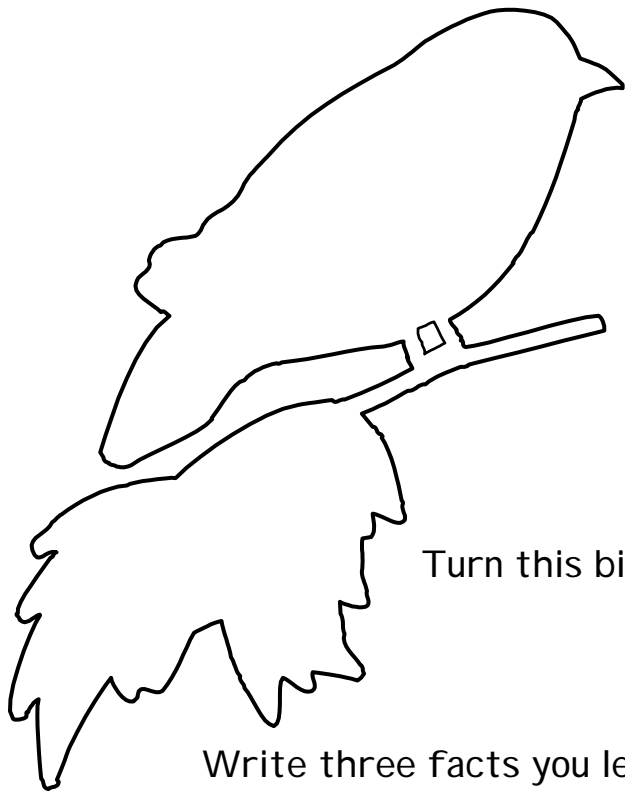
What do hard hats have to do with the Hoover Dam?

Discover the answer on page H of
S is for Silver: A Nevada Alphabet



Built during the Great Depression, the Hoover Dam provided jobs for many people. The chart below shows the hourly wage paid to workers who built the Hoover Dam in the early 1930s. The workers worked eight hours a day. Complete the chart by figuring out the amount workers made per day and per week (five days).

JOB	WAGE PER HOUR	WAGE PER DAY	WAGE PER WEEK
Brakeman	50c		
Electrician	75c		
Miner	70c		
Muck Machinery Operator	\$1.00		
Shovel Operator	\$1.25		



Mountain Bluebird

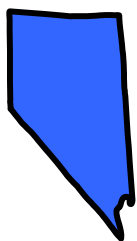
With feathers as blue as the mountain sky, the mountain bluebird is a state symbol of Nevada. Learn about the mountain bluebird by reading page B of *S is for Silver: A Nevada Alphabet*.

Turn this bird into a beautiful mountain bluebird!

Write three facts you learned about the mountain bluebird.

Write the insects the mountain bluebird eats in alphabetical order.

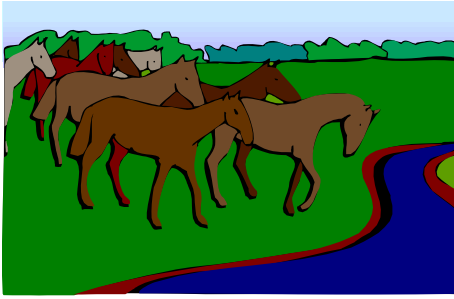
beetles	ants	flies
wasps	grasshoppers	



Unscramble Nevada

Read the following hints and unscramble the words that are related to Nevada. Skim and search *S is for Silver: A Nevada Alphabet* for clues.

Scrambled Word	Hint	Answer
SRCAON YCIT	NEVADA'S CAPITAL	
SNWLONCAD	SPANISH WORD FOR NEVADA	
OOHVRE MAD	COLORADO RIVER	
IHCTHSOYRUA	FISH REPTILE	
SLA EVGSA	EXCITING CITY	
HLENMA VCAES	NATIONAL PARK	
YPRAIMD KLAE	PYRAMID OF ROCK	
ARMK TWNAI	SAMUEL CLEMENS	
SDEETR OTRTOSIE	STATE REPTILE	
GESABRSHU	STATE FLOWER	
VRIGIINA YCIT	COMSTOCK LODE	



Wild Horse Annie

Wild horses couldn't keep us away,
read about Velma Johnston on page J.

One Person Can Truly Make A Difference

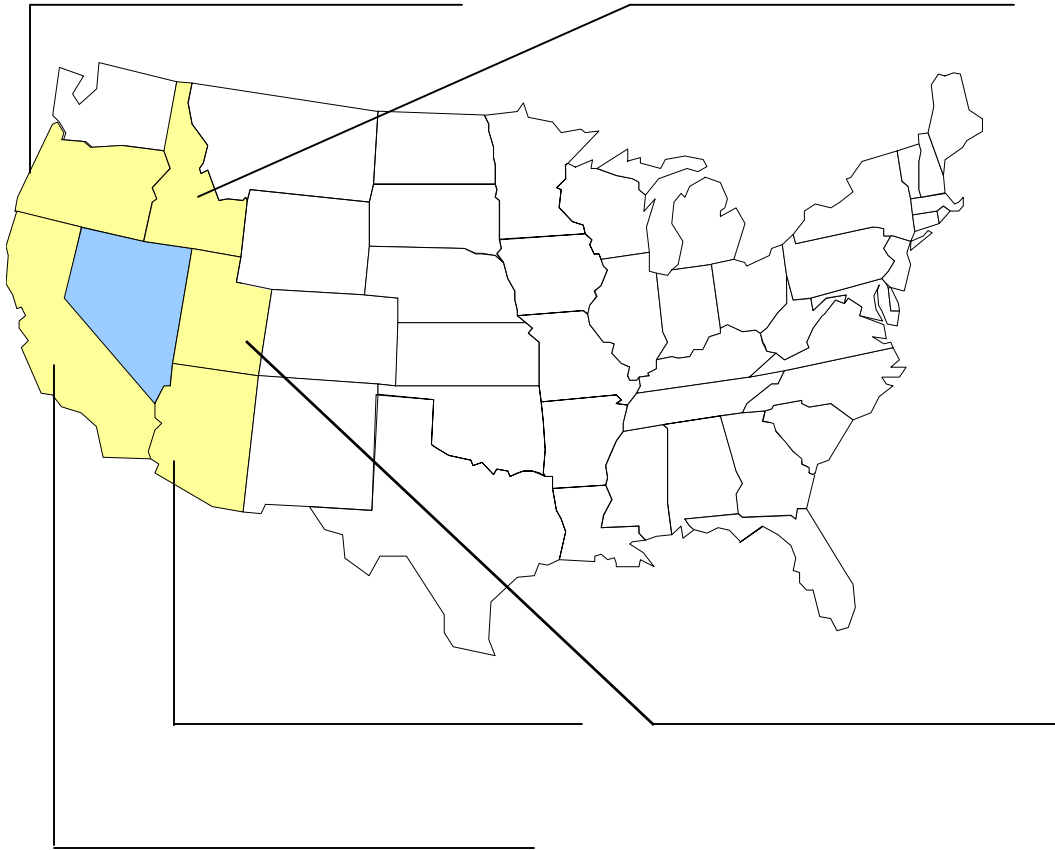
Velma Johnston proved that one person can make a difference. Do you think you can make a difference in our world? Yes, you can!

The difference you make in our world doesn't need to be a grand and spectacular event. Little acts of kindness you do each day help make our world a better place. Imagine what our world would be like if everyone did one act of kindness every day!

By spreading the story of Velma Johnston and doing acts of kindness toward others, you can make a difference in our world. When you do an act of kindness to someone, tell that person Velma's story and give them a wild horse card. (Use cards provided below.) The card is not for them to keep, but to be used as a reminder for that person to do an act of kindness for someone else; then pass the card along. Like wild horses, our acts of kindness can run wild and free!



Nevada and Its Neighbors

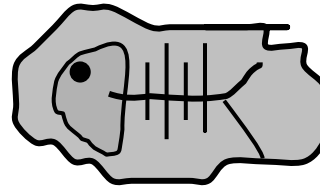
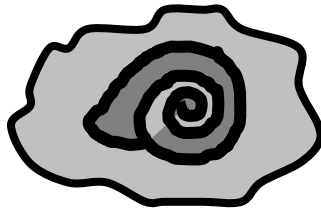
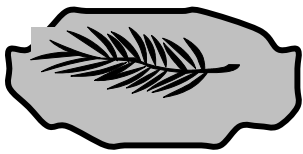


Label Nevada's Neighboring States

California Oregon Idaho Utah Arizona

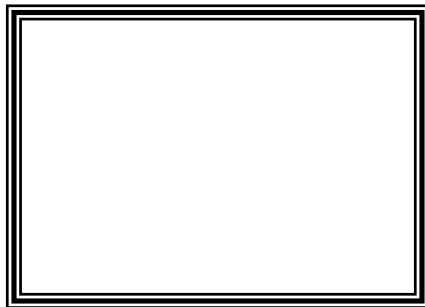
Refer to the map on page Z of *S is Silver: A Nevada Alphabet*.

- Draw a star on the map to show the location of Nevada's capital, Carson City.
- Place an X on the location of Las Vegas.
- Now put a dot on the location of the city where you live or would like to visit.



Clay Fossil Prints

Search for an Ichthyosaur fossil on page I and visit the Beatty Mudmound on page M of *S is for Silver: A Nevada Alphabet*.



Fossils are the hardened remains or traces of plants or animals that have turned into stone over millions of years.

Directions

1. Begin with a small ball of clay about the size of a baseball. Divide the clay into two equal portions.
2. Press the clay into flat circular shapes.
3. Place the fern leaves and shells on one of the flat pieces.
4. Place the second flat piece of clay over the first half.
5. Press the pieces together, molding the clay over the leaves and shells.
6. Allow the clay to dry, and then carefully separate the two pieces of clay.
7. Remove the leaves and shells. Observe the leaf and shell prints.

Nevada's Precious Gemstone

Looking for a black fire opal? The Virgin Valley in northern Nevada is the only place in North America where the black fire opal is found in any significant quantity. You can also find this precious gemstone on page O of *S is for Silver: A Nevada Alphabet*.

Art Activity

Materials

White cardstock paper	Paint brush
Red and black crayons	Penny
Black tempera paint	Dish soap

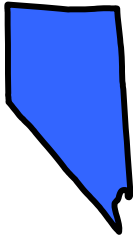


Directions

1. Color the entire piece of the white paper with a red and black crayon. Cover the majority of the area in red. Press hard to leave a dark, thick layer of crayon.
2. Add a drop of dish soap to the black tempera paint. This will help the paint stick to the colored paper.
3. Paint a layer of black paint over the colored paper and allow the paint to dry.
4. Using a penny, scratch a black fire opal design on the surface of the paper. Removing sections of the black paint will reveal the red and black colors.

Suggestion

Scratch Nevada's motto, All for Our Country, at the bottom of your paper!



Nevada's Famous and Important People

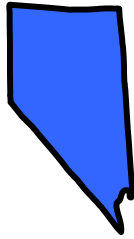
Read *S is for Silver: A Nevada Alphabet* to learn about some of Nevada's famous and important people. Match the name with the description.

Kit Carson	Known for her degikup baskets
John Fremont	Played a key role in the passing of the Wild Free-roaming Horse and Burro Act
Dr. Charles Camp	Famous scout Carson River—Carson City
Dat-So-La-Lee	Explorer—Drew the first map of Nevada with Kit Carson
Velma Johnston	Discovered the fossilized remains of the ichthyosaurs
Philipp Deidesheimer	Peacemaker—Chief of the Paiutes
Eva Adams	Invented square set timbering for safer mining
Chief Winnemucca	Daughter of Chief Winnemucca Worked to improve the living conditions of her tribe
Sarah Winnemucca	Director of the United States Mint in 1961

Hit a Jackpot of Facts
On page Q
of *S is for Silver: A Nevada Alphabet*

On top of the following quarter outline, write two facts
you found interesting after reading page Q.





Where Am I?

Read *S is for Silver: A Nevada Alphabet* and the following clues to discover interesting places in Nevada.

1. I am in a town in the northern part of Nevada, also called “Miner Country.” The town is named after the word people shouted when they discovered gold or silver. Where am I?

2. I am at a lake created by the Hoover Dam. It is the largest man-made lake in the country. Where am I? _____
3. I am in the city that means “the meadows” in Spanish. I am waving to Vegas Vic. Where am I? _____
4. I am fishing at the only lake in the world that is home to the cui-ui fish. Where am I?

5. I am at the ending spot of the largest river in Nevada. The lost Bidwell-Bartleson wagon train followed this river. Where am I?

6. I am searching for fossils at an amazing 270-foot-thick and 1,000-foot-long mound of pale gray limestone. Where am I?

7. I am at the capital of Nevada. Where am I?

8. I am in a town that doesn’t have a stoplight and is one square mile in size. Samuel Clemens spent several years here. Where am I?

Bonus question: What was Samuel Clemens’ pen name?



Eureka!

Search and Find

Read *S is for Silver: A Nevada Alphabet* and play a game of search and find. Have a partner choose a word from the list below. Search for the picture in the book. After you find the picture, say eureka and read aloud the passage of that page to your partner. It's now your turn to choose a word and have your partner search and find.

Word List

Baby
Desert bighorn sheep
Cat
Mountain bluebird
Degikup baskets
Lab notes
Coonskin cap
Sunrise above a snowcapped mountain peak
Hoover Dam
Black opal
Ichthyosaur
National park brochures
White pelicans
Quarters
Native American princess
Wild horses
Sagebrush
Bristlecone pine
Mining cave
Neon cowboy
Bald eagle
Mackay mansion
Fossils

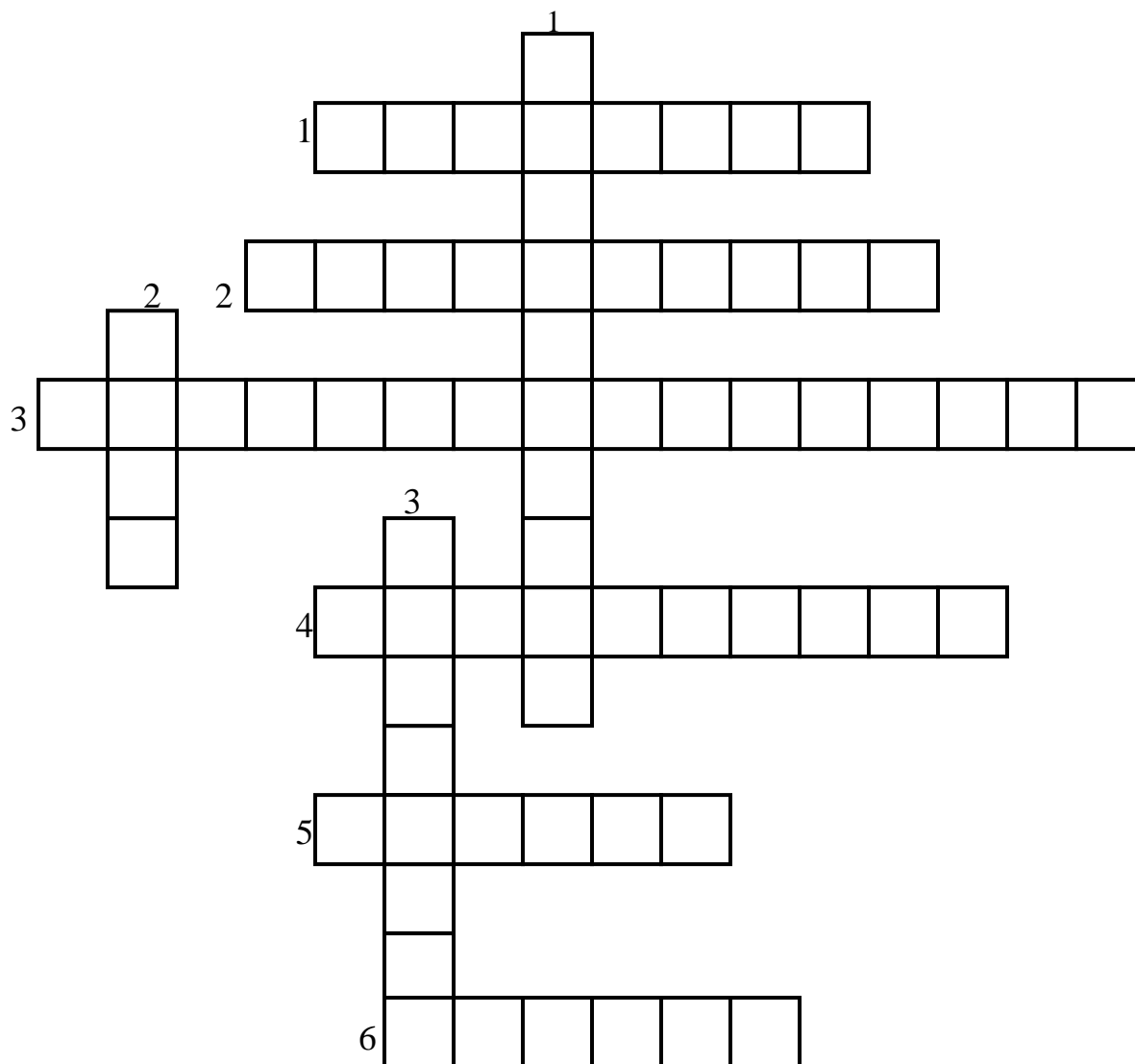
NEVADA CROSSWORD

Across

1. A giant, neon cowboy in downtown Las Vegas
2. A giant, neon cowgirl in downtown Las Vegas
3. Nevada's state bird
4. Nickname that describes Nevada's admittance to the Union
5. The 36th state, admitted in 1864
6. Another nickname for Nevada, based on its mining, the _____ state

Down

1. Nevada's capital
2. Eureka! In the 1800s miners found silver and _____
3. Spanish for "the meadows"-exciting city in Nevada



Nevada Word Search

BATTLE BORN
DESERT TORTOISE
HOOVER DAM
MOUNTAIN BLUEBIRD
PINON
SILVER

CARSON CITY
GOLD
LAS VEGAS
NEVADA
SAGEBRUSH
VIRGINIA CITY

M	O	B	A	T	D	E	T	B	S	A	G	P	I	N	M	O	U	N
G	O	L	H	O	V	D	S	A	G	M	O	V	S	C	A	G	D	V
O	P	D	E	S	E	R	T	T	O	R	T	O	I	S	E	M	E	E
L	H	M	N	P	I	R	A	T	S	I	L	G	V	R	B	A	S	T
B	H	O	O	C	C	S	A	L	V	I	A	N	I	V	Y	M	R	D
A	O	P	I	L	A	S	L	E	I	D	L	C	S	T	C	O	C	E
M	O	U	N	T	A	I	N	B	L	U	E	B	I	R	D	U	A	S
N	V	C	B	N	R	L	G	O	D	E	S	C	L	T	O	N	R	E
E	E	D	A	H	O	O	G	R	V	L	A	S	V	E	G	A	S	L
V	R	E	T	R	P	S	A	N	V	I	S	L	E	D	E	S	A	A
S	D	S	T	O	R	I	A	T	N	P	A	V	R	E	N	M	G	V
A	A	C	R	M	C	A	N	I	E	I	G	O	A	V	E	M	E	E
G	M	S	I	V	L	C	G	H	V	N	P	C	C	P	V	E	B	U
E	O	N	B	C	A	R	S	O	N	C	I	T	Y	D	I	M	R	L
J	A	R	E	D	I	O	H	O	O	A	N	M	C	H	S	N	U	B
D	N	G	T	V	H	V	I	L	A	G	O	L	D	O	B	R	S	D
I	B	T	S	E	A	N	D	R	E	W	N	I	H	O	A	S	H	O
T	A	N	E	A	C	D	V	N	H	O	B	V	M	V	T	R	I	M
B	A	T	V	A	G	D	A	S	I	C	A	R	L	E	N	E	V	L

Answer Key

Nevada's Amazing Animal-Desert Big Horn Sheep

Female bighorn sheep are called ewes.

Male bighorn sheep are called rams.

Young bighorn sheep are called ewes.

Desert bighorn sheep live in dry mountain ranges.

Desert country is a harsh environment.

Bighorn sheep hooves are good for mountain climbing.

You can tell the age of bighorns by counting the rings on its horn.

A full curl horn takes at least seven years to grow.

Both male and female bighorns have horns.

A bighorn's tail is very short.

The eyesight of bighorns allows them to see a mile away.

A male desert bighorn can weigh as much as 175 pounds.

Nevada's State Flag

How many states entered the Union during the Civil War? One, Nevada

- | | |
|-----------------------------------|--------------------------|
| 1. Incorrect word – black | Correct word – blue |
| 2. Incorrect word – gold | Correct word – silver |
| 3. Incorrect word – snowstorm | Correct word – snowclad |
| 4. Incorrect word – sunflowers | Correct word – sagebrush |
| 5. Incorrect word – diamond | Correct word – star |
| 6. Incorrect word – Revolutionary | Correct word - Civil |
| 7. Incorrect word – Strong | Correct word – Born |

The Great Seal of the State of Nevada

Image

36 stars on the inner ring

Silver miner

Train

Telegraph poles

Sheaf of wheat

Sunrise over snowcapped peaks

What does it represent?

Nevada was the 36th state admitted to the Union.

Nevada's silver mining

Transportation

Communication

Agriculture

Nevada's natural beauty

H is for Hoover Dam and Hard Hats

What do hard hats have to do with the Hoover Dam? Hard hats were invented to protect the workers who built the Hoover Dam.

Job	Wage per day	Wage per week
Brakeman	\$4.00	\$20.00
Electrician	\$6.00	\$30.00
Miner	\$5.60	\$28.00
Muck Mach. Operator	\$8.00	\$40.00
Shovel Operator	\$10.00	\$50.00

Mountain Bluebird

Ants, beetles, flies, grasshoppers, wasps

Unscramble Nevada

1. Carson City 2. Snowclad 3. Hoover Dam 4. Ichthyosaur 5. Las Vegas
6. Lehman Caves 7. Pyramid Lake 8. Mark Twain 9. Desert Tortoise 10. Sagebrush
11. Virginia City

Nevada's Famous and Important People

Kit Carson – Famous scout, Carson River, Carson City

John Fremont – Explorer, Drew the first map of Nevada with Kit Carson

Dr. Charles Camp – Discovered the fossilized remains of the ichthyosaurs

Dat-So-La-Lee - Known for her degikup baskets

Velma Johnston – Played a key role in the passing of the Wild Free-roaming Horse and Burro Act

Philipp Deidesheimer – Invented square set timbering for safer mining

Eva Adams – Director of the United States Mint in 1961

Chief Winnemucca – Peacemaker, Chief of the Paiutes

Sarah Winnemucca – Daughter of Chief Winnemucca, worked to improve the living conditions of her tribe

Where Am I?

1. Eureka
2. Lake Mead
3. Las Vegas
4. Pyramid Lake
5. Humbolt Sink, the end of the Humbolt River
6. Beatty Mudmound
7. Carson City
8. Yerington

Bonus Question: Mark Twain

Nevada Crossword

Across

1. Vegas Vic
2. Vegas Vicki
3. Mountain bluebird
4. Battle Born
5. Nevada
6. Silver

Down

1. Carson City
2. Gold
3. Las Vegas

Nevada Word Search

