

# Acknowledgements

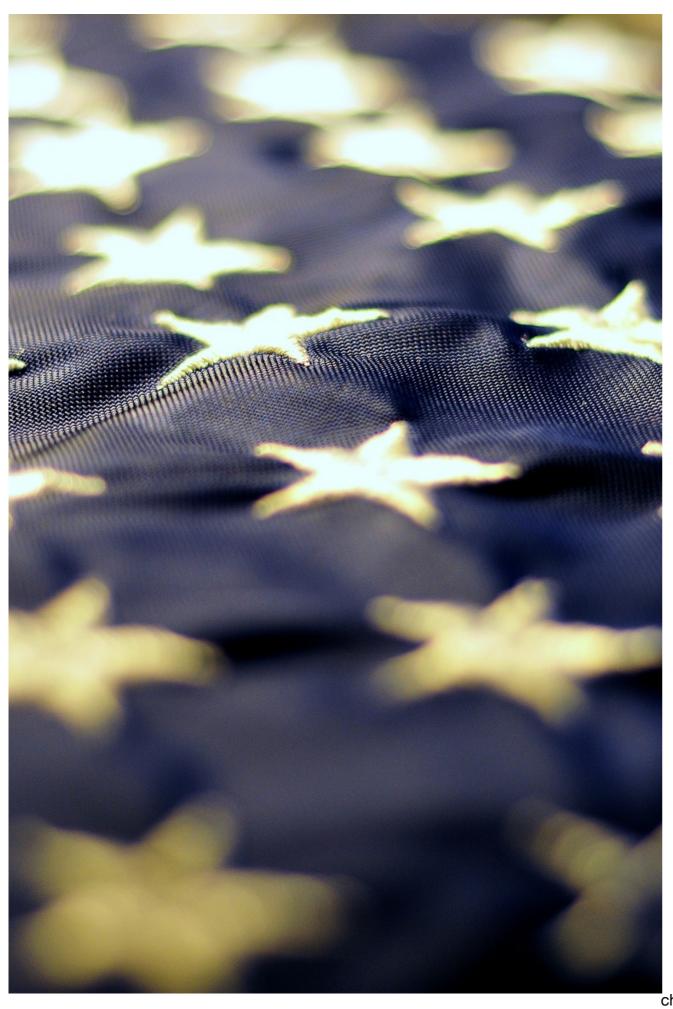
We are proud to acknowledge the many useful educational resources that exist today. There is no one-size fits all curriculum for children because all kids learn in different ways and are interested in different topics. We have included a 'Resources' page at the end of this workbook to inspire further learning. We are thankful to the entire network of education facilitators who help our children think outside of the box and make learning fun.

All worksheets and printables within this activity book are originals made by us. These materials are available to be reproduced for personal use or for a home education cooperative only and not for distribution or resale. Thank you for respecting our efforts in creating a unique curriculum for your child.

### Introduction

This program is created as a homeschool unit study aimed toward children's ages 5-7 (or K-2nd). With the weekly guide and activity printables, your daily routine will flow seamlessly with each day building upon the last. This gentle curriculum is designed for parents and children to research together and learn side by side. The worksheets and activities' instructions act as a teaching aid to assist the facilitator in guided learning. We believe in soaking up information from as many resources as possible and encourage parents and children to read books and use videos and technology to complete each lesson. We strive to lay the foundation of knowledge in a way that inspires the love of learning.

\*The Person Of Interest worksheet and Reading Log are included to be printed and completed for each state.



# SUGGESTED SELF-GUIDED ROUTINE

**MONDAY: State Overview** 

**TUESDAY: Animals &** 

**Climate/Terrain** 

**WEDNESDAY: Natural &** 

**Historical Landmarks** 

**THURSDAY: Person Of** 

Interest/Invention

### **States In Alphabetical Order**

Alabama	Maine	Oregon
Alaska	Maryland	Pennsylvania
Arizona	Massachusetts	Rhode Island
Arkansas	Michigan	South Carolina
California	Minnesota	South Dakota
Colorado	Mississippi	Tennessee
Connecticut	Missouri	Texas
Delaware	Montana	Utah
Florida	Nebraska	Vermont
Georgia	Nevada	Virginia
Hawaii	New Hampshire	Washington
Idaho	New Jersey	West Virginia
Illinois	New Mexico	Wisconsin
Indiana	New York	Wyoming
lowa	North Carolina	
Kansas	North Dakota	
Kentucky	Ohio	

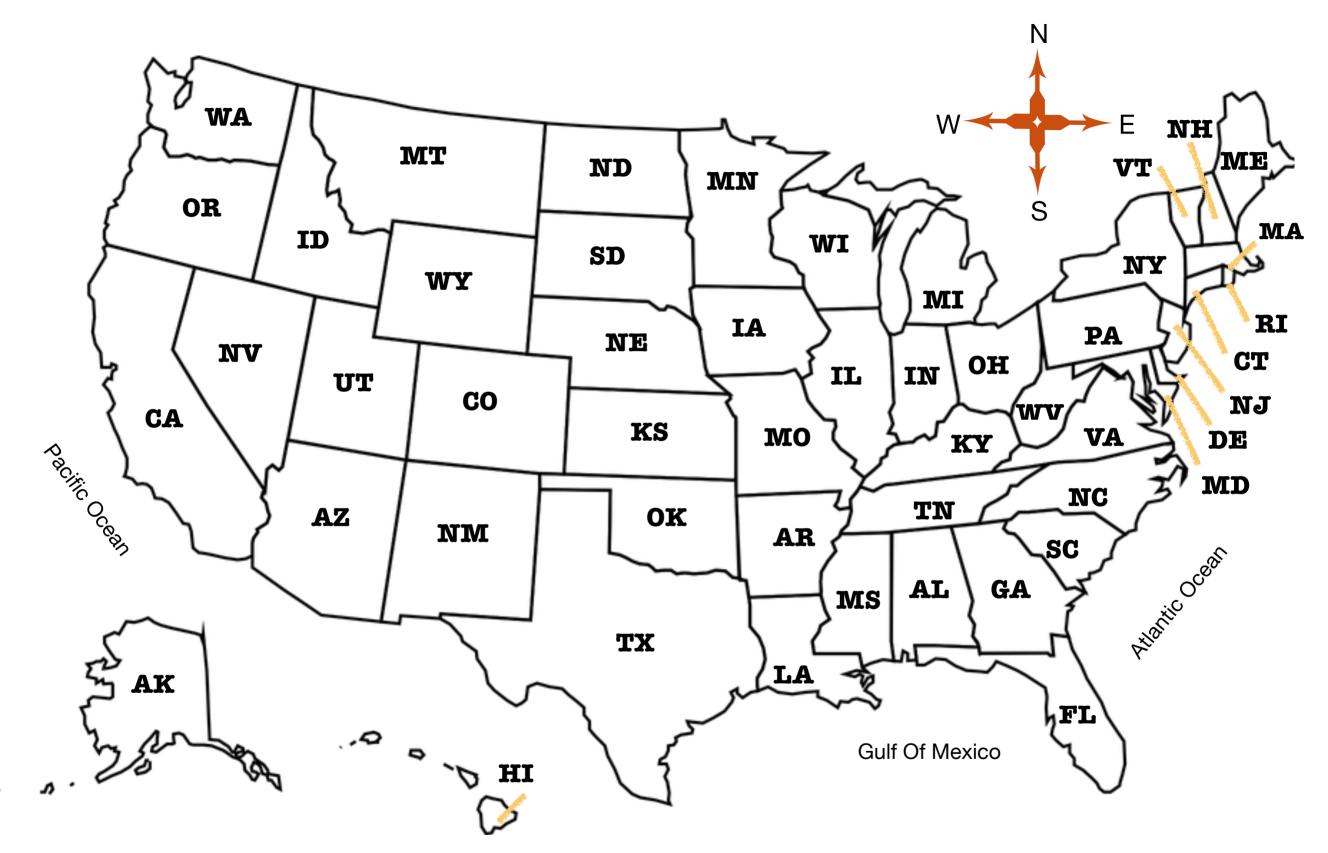
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Oklahoma

Louisiana

#### **States In Order Of Statehood**

1. Delaware	18. Louisiana	35. West Virginia
2. Pennsylvania	19. Indiana	36. Nevada
3. New Jersey	20. Mississippi	37. Nebraska
4. Georgia	21. Illinois	38. Colorado
5. Connecticut	22. Alabama	39. North Dakota
6. Massachusetts	23. Maine	40. South Dakota
7. Maryland	24. Missouri	41. Montana
8. South Carolina	25. Arkansas	42. Washington
9. New Hampshire	26. Michigan	43. Idaho
10. Virginia	27. Florida	44. Wyoming
11. New York	28. Texas	45. Utah
12. North Carolina	29. lowa	46. Oklahoma
13. Rhode Island	30. Wisconsin	47. New Mexico
14. Vermont	31. California	48. Arizona
15. Kentucky	32. Minnesota	49. Alaska
16. Tennessee	33. Oregon	50. Hawaii
17. Ohio	34. Kansas	

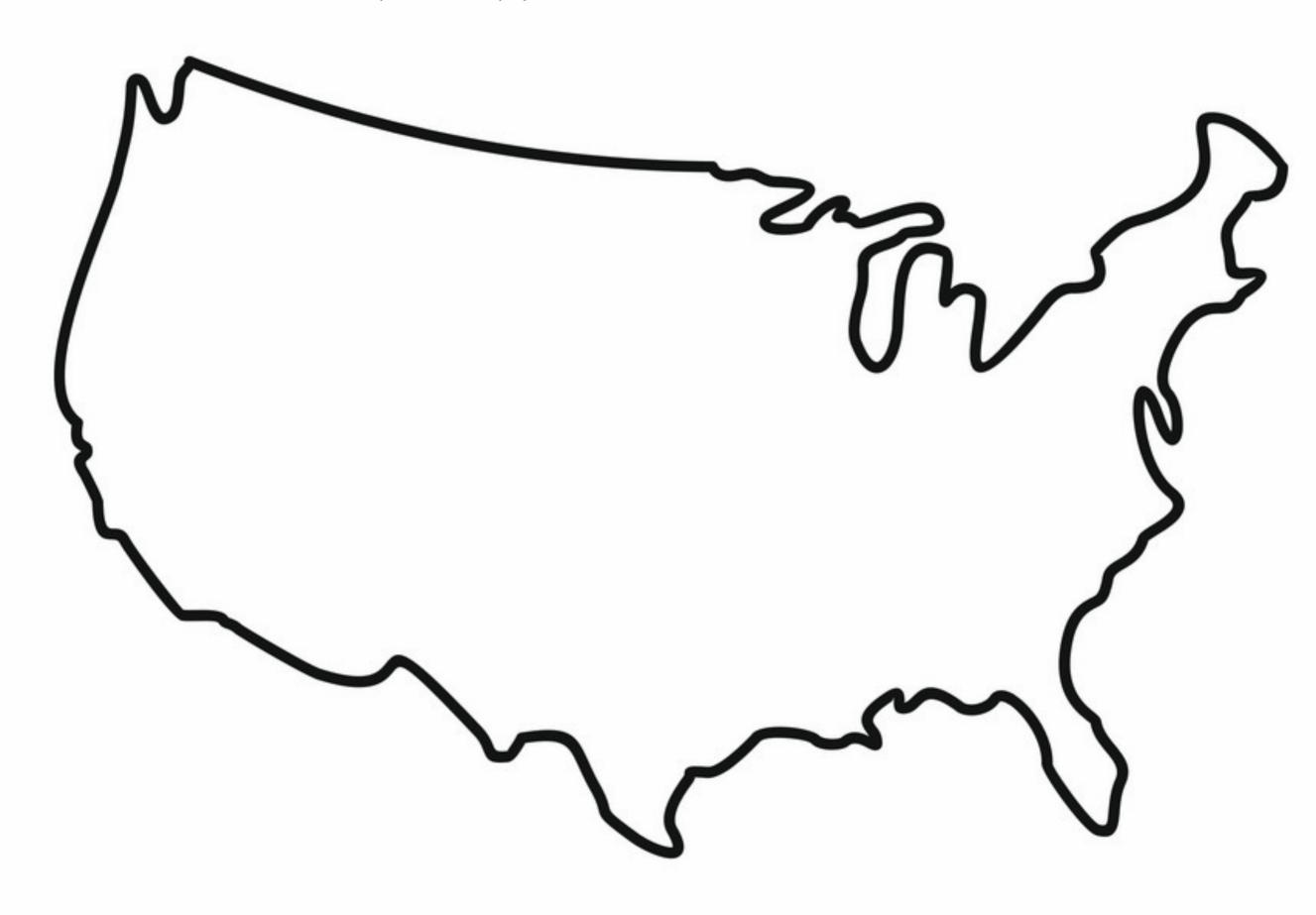


Color in each state as you complete them each week.

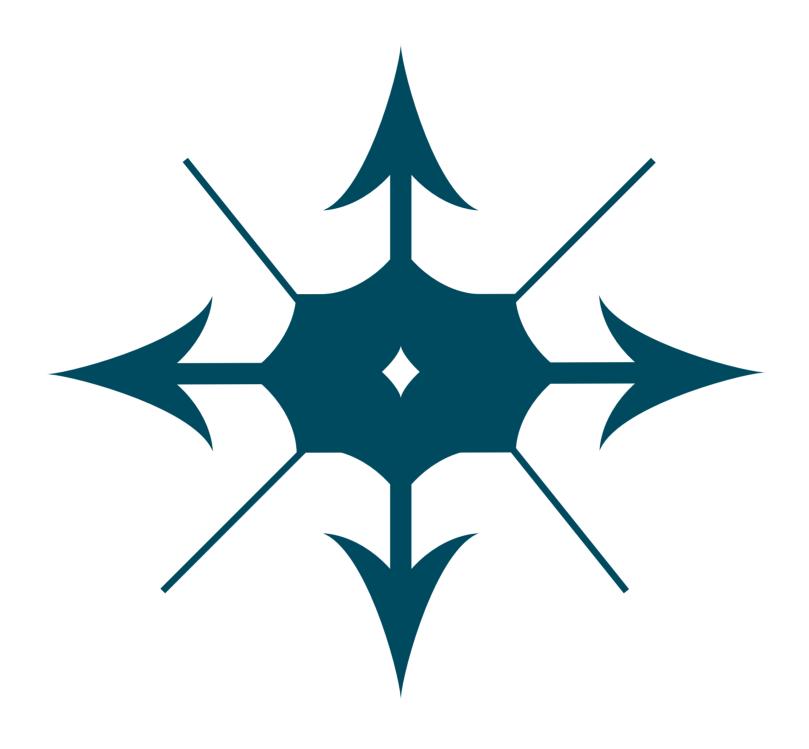


Fill in each state as test/review when you have completed curriculum.

Use this map to color in physical details like mountains, rivers, deserts, oceans etc.

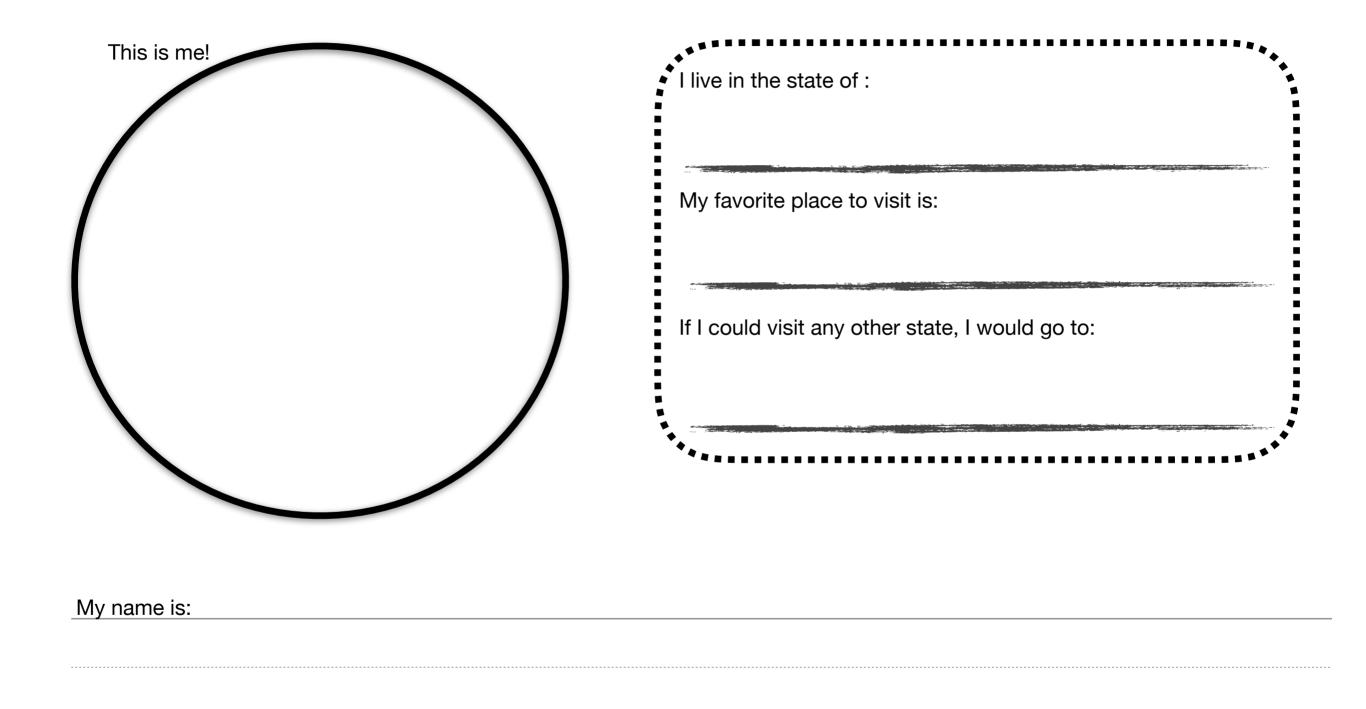


Cut and glue the compass rose, cardinal and intermediate directions from below onto a new sheet of paper. Use this when searching for the location of a state.

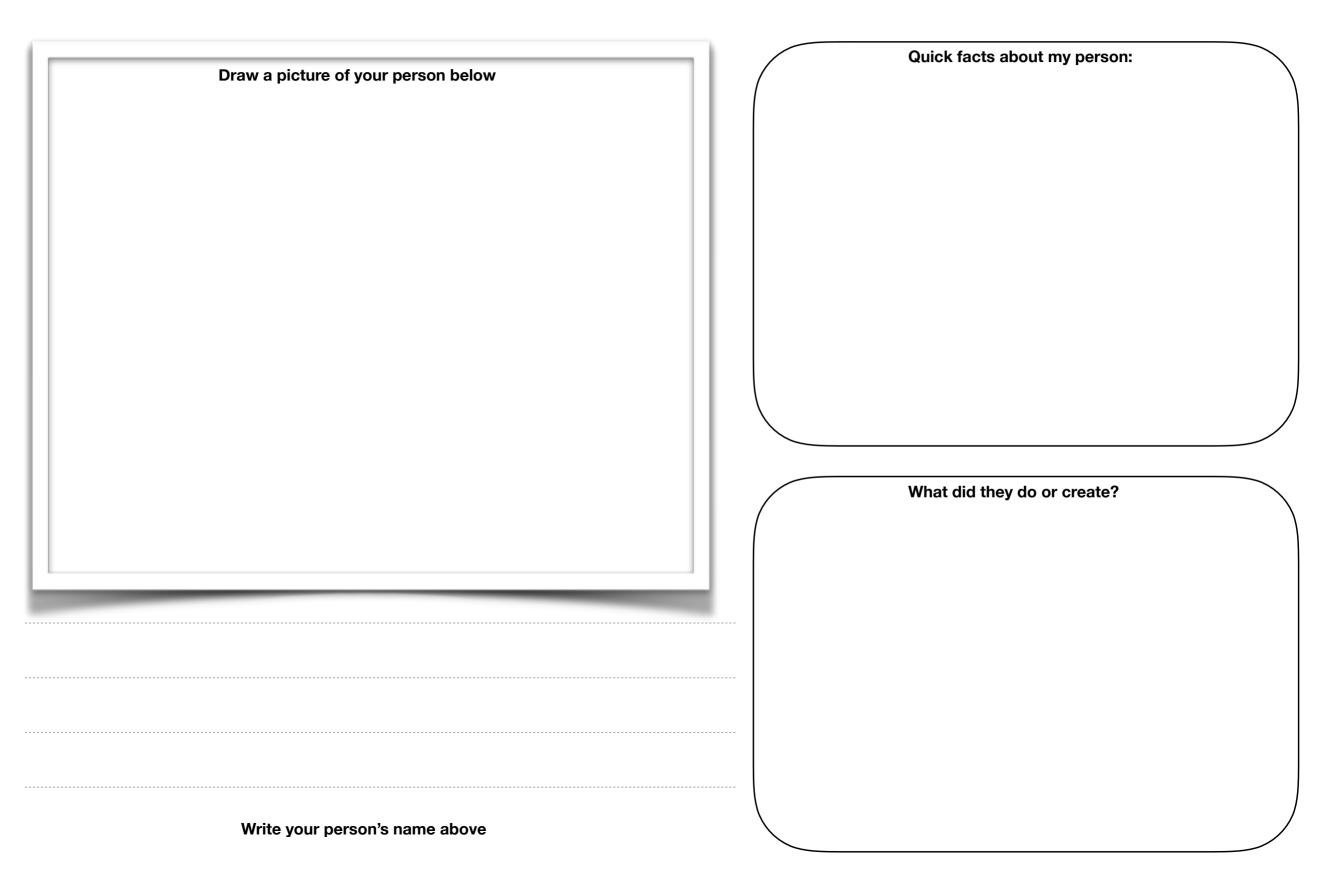


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# ALL ABOUT ME



### Person Of Interest From \_\_\_\_\_



My Reading Log For				
<b>✓</b>	Date:	Title:	Author:	
		Draw a picture of your favorite scene in your favorit	e book	

# Alabama

Statehood: December 14,

1819

Postal Code: AL

Nickname: The Yellowhammer

State/Heart Of Dixie/The

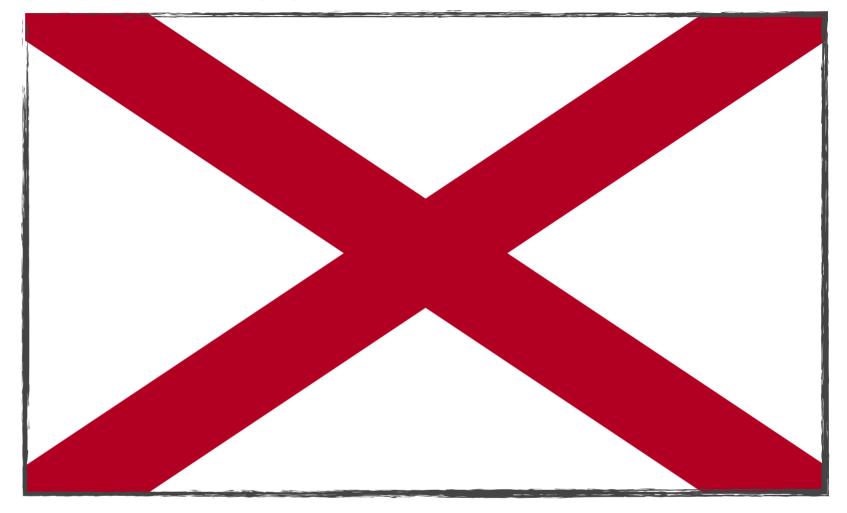
**Cotton State** 

Capital: Montgomery

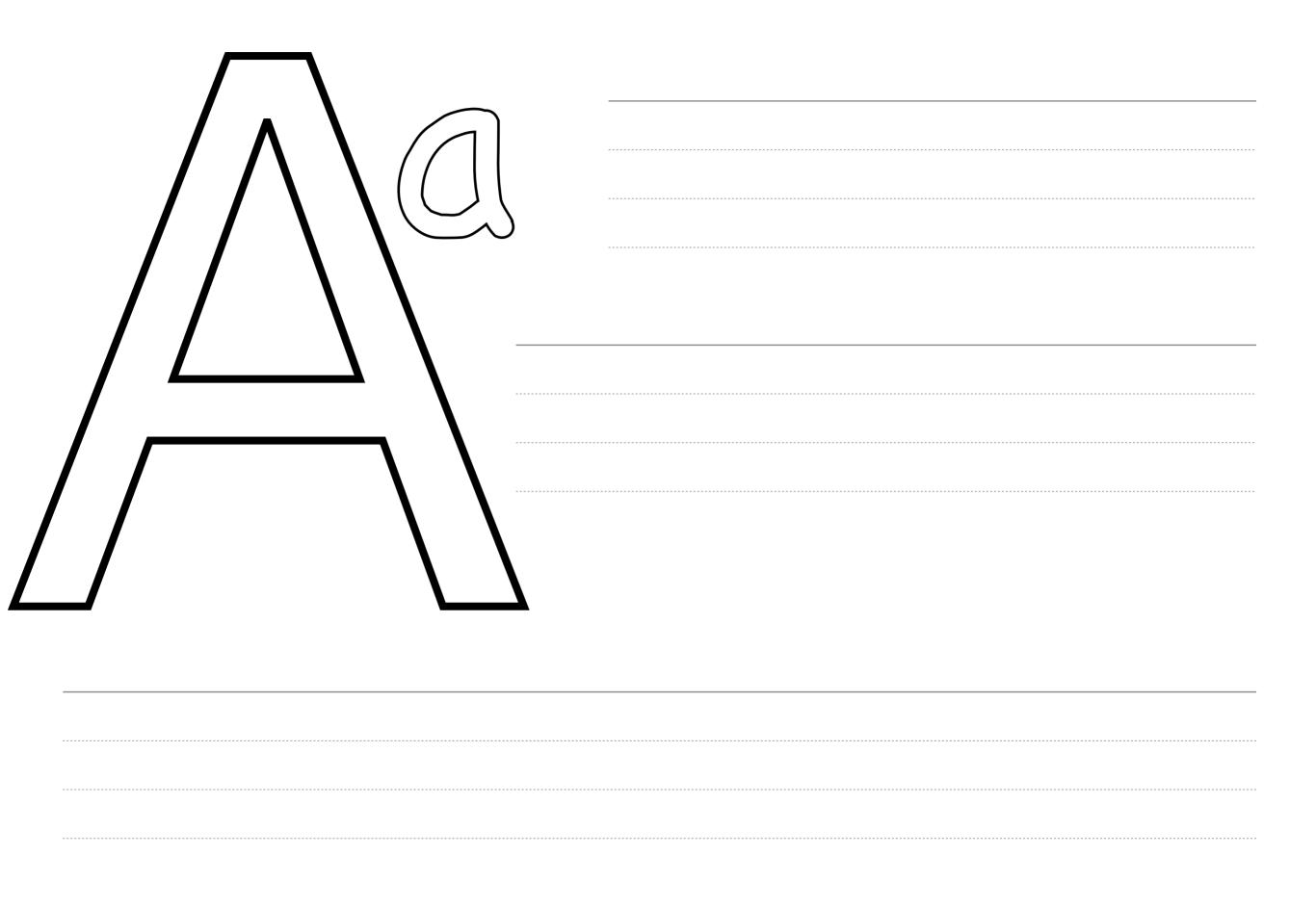
Location: Southeast (SE)

State Bird: Northern Flicker

State Flower: Camelia



- Alabama is known for it's vast cotton fields. Do you know what's made out of cotton? So many things that you use everyday come
  from cotton, even the clothes you're wearing right now! Complete the cotton plant anatomy worksheet and cotton scavenger hunt.
- Research Helen Keller and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Anatomy

Cotton

Plant

### Parts of a cotton plant:

- Stem-long stalk that grows out of the ground
- · Leaves-grows off of the stem
- Bud-flower that blossoms at the top of the stem
- Cotton-fluffy white texture inside the bud

Draw a line from the parts of the plant to the picture below

### Scavenger Hunt!

Search for things around your home that are made of cotton. Draw a picture or write them below.



# Alaska

Statehood: January 3, 1959

Postal Code: AK

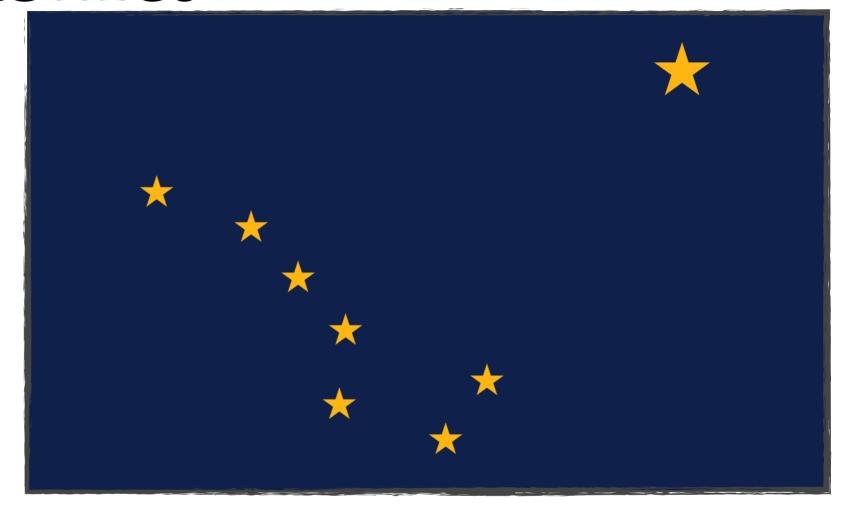
Nickname: The Last Frontier

Capital: Juneau

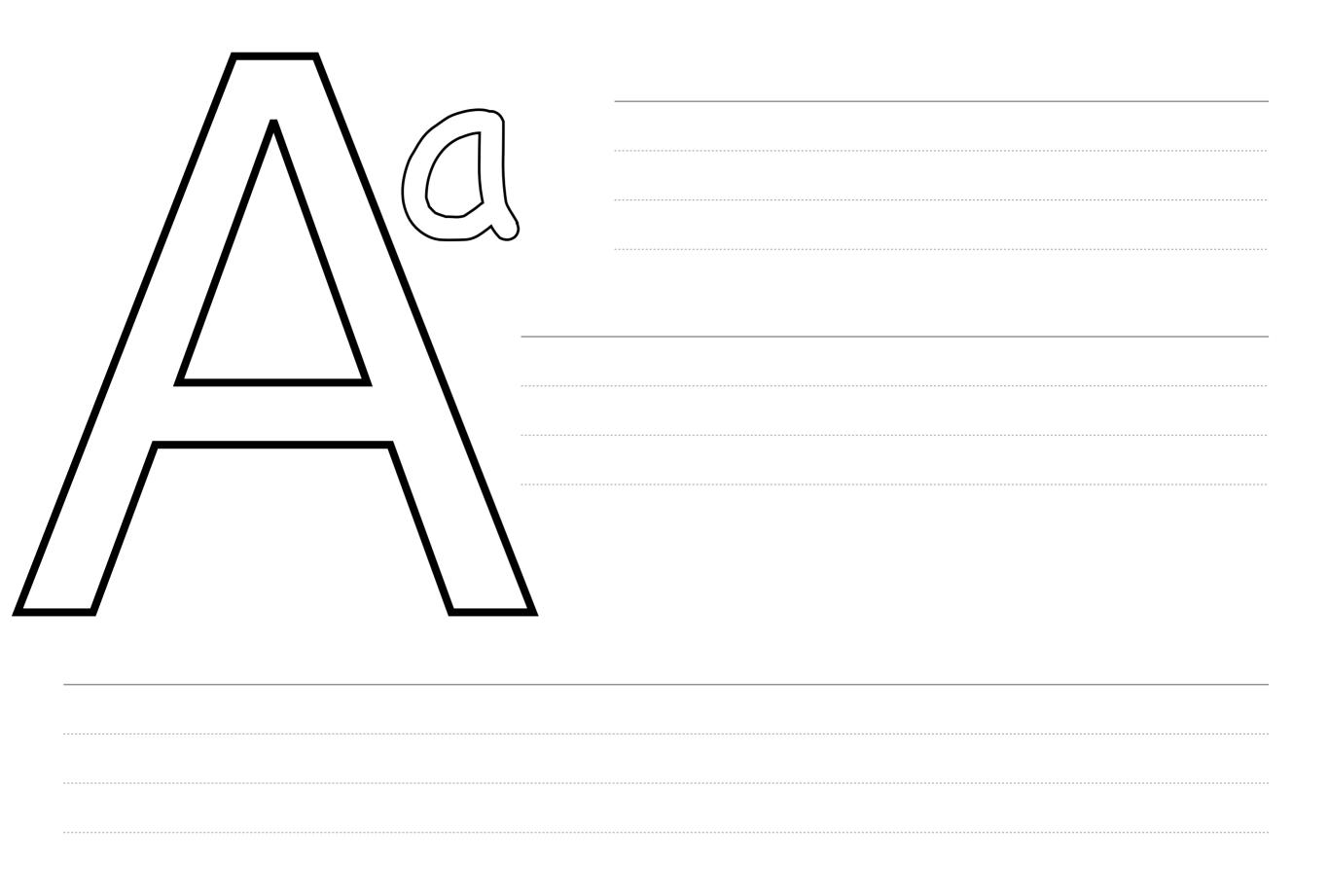
Location: Northwest (NW)

State Bird: Willow Ptarmigan

State Flower: Forget-Me-Not



- Alaska is known as the final frontier because it's land wasn't heavily settled yet by people. Would you like to explore new lands?
   Draw a picture of what your new land would look like if you found an area of the world that hadn't been discovered yet!
- A very famous event that occurs in Alaska is the Aurora Borealis, also known as the Northern Lights. This occurs when electrons
  from the sun mix with gases above the magnetic poles of the earth causing beautiful glowing colors. Look at the image of this
  event and recreate an original watercolor picture of the Northern Lights.
- The native people from Alaska are called the Inuit. Research and complete your Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Aurora Borealis "Northern Lights"



# Arizona

Statehood: February 14, 1912

Postal Code: AZ

Nickname: The Grand Canyon

State

Capital: Phoenix

Location: Southwest (SW)

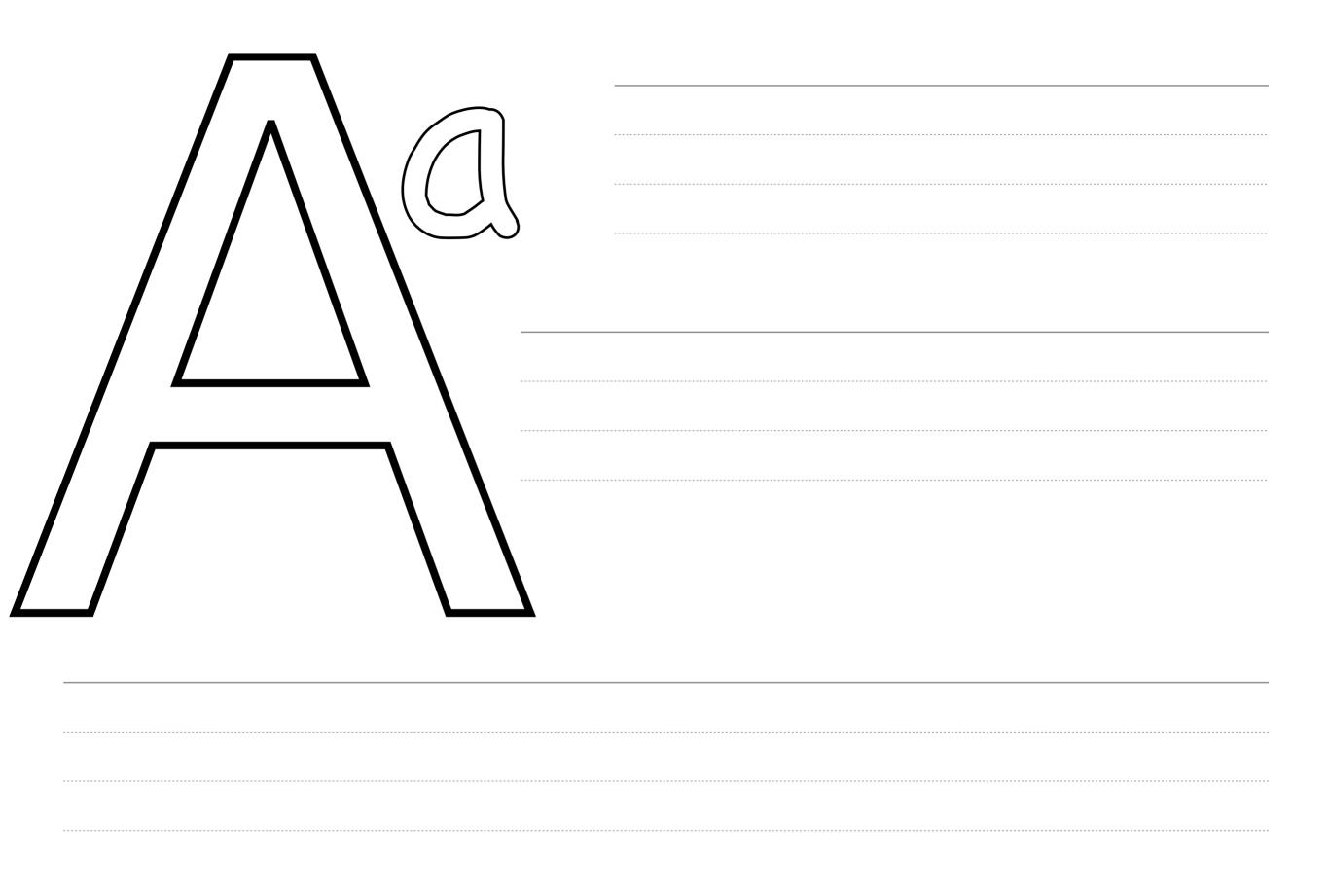
State Bird: Cactus Wren

State Flower: Saguaro Cactus

Blossom



- Arizona is known for the Sonoran Desert. This desert is home to mammals, amphibians, fish, bees, reptiles, and plants! Create a shoebox diorama of the desert by collecting sand and adding plants and animals to your scene.
- Color the Sonoran desert onto your topographical country map.
- Research Geronimo and complete your Person Of Interest worksheet.
- · Complete the Reading Log activity page.



# Arkansas

Statehood: June 15, 1836

Postal Code: AR

Nickname: The Natural State

Capital: Little Rock

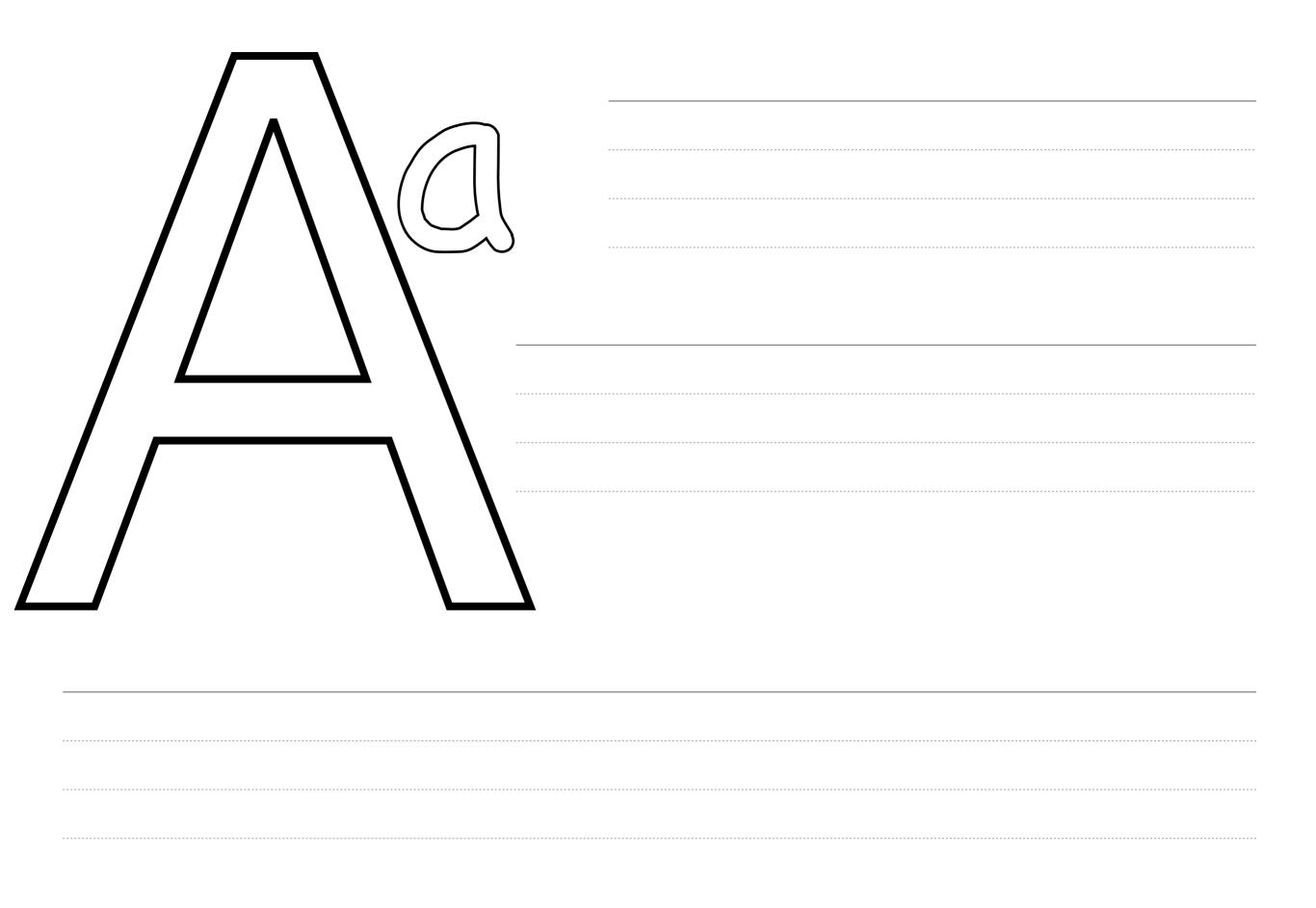
Location: South (S)

State Bird: Mockingbird

State Flower: Apple Blossom



- Create your own Apple Stamping artwork!
- · Research Hattie Caraway and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Apple Stamping

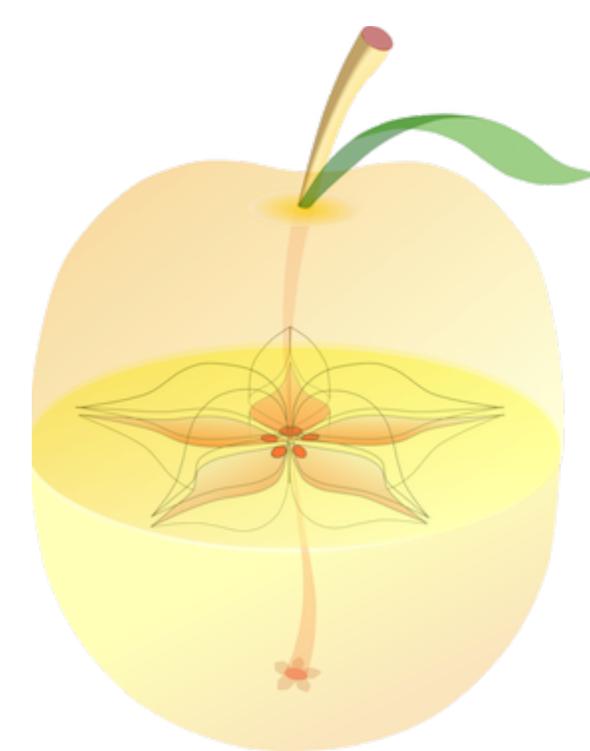
Arkansas' state flower is the Apple Blossom. Explore the world of apples by dissecting and creating art with them!

Have an adult help you cut an apple in half. What you will find is the core with seeds. The seeds are all centered in the middle in a beautiful flower formation.

Get out some paints and art paper and paint the inside of one of your apple halves. Turn your apple over and stamp it down onto your paper.

Experiment with adding multiple paint colors to your apple halves before stamping.

Wait for your stamps to dry and add to them by drawing with pen or pencil. Decorate your artwork by adding glitter and embellishments!



# California

Statehood: September 9, 1850

Postal Code: CA

Nickname: The Golden State

Capital: Sacramento

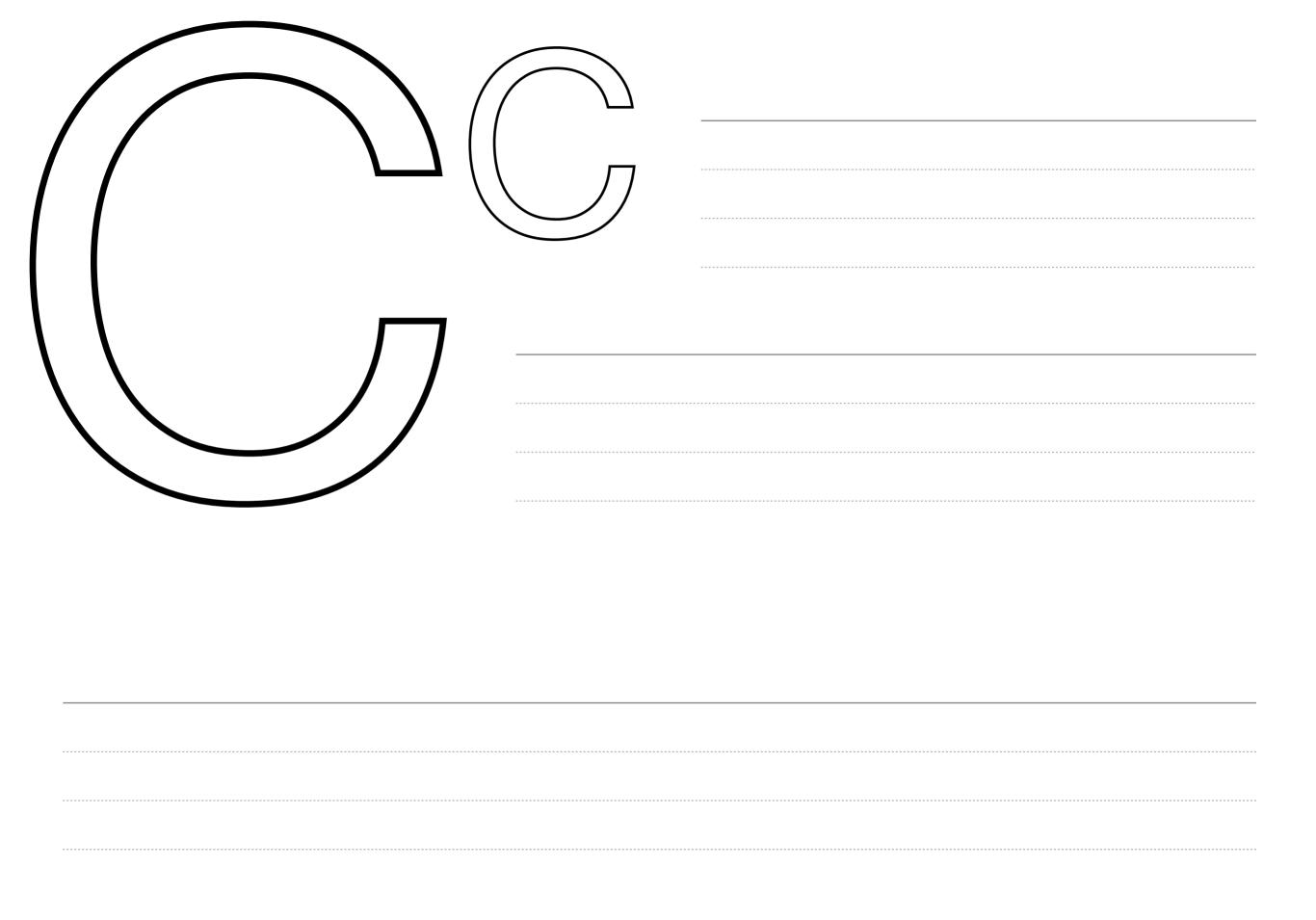
Location: West (W)

State Bird: California Quail

State Flower: Golden Poppy



- California is home to some of the most beautiful and largest trees in the country. Muir Woods is a forest of Redwoods that
  are so large, some of their trunks are bigger than a car! Complete the tree anatomy activity on the following page.
- Draw tree symbols and color in the Redwoods Forest on your physical map.
- The Golden Gate Bridge in San Francisco is a symbol of California. Complete the Bridge Experiment activity on the following page.
- Research John Muir and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



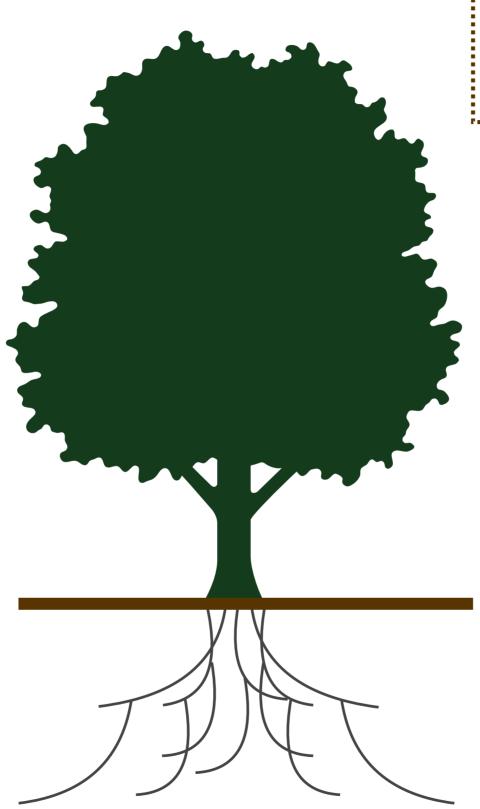
### Anatomy Of A Tree

Canopy

**Branches** 

Trunk

Roots



Draw a line to match the parts of a tree with the image below.

## Bridge Experiment

One of California's most iconic landmarks is the Golden Gate Bridge in San Francisco. Complete a bridge experiment of your own with the following materials and instructions:

#### **Materials:**

- different weights of paper (brown paper bag, cardstock, printer paper)
- pennies
- cup

#### **Instructions:**

- 1) Fold the paper hot dog (long ways) as many times as you'd like to create ridges or layers
- 2) Set one kind of paper across the top of a cup and start adding pennies until your bridge collapses.
- 3) Repeat with your different kinds of paper bridges.



#### Reflect:

- Which paper held the most pennies?
- Why do you think that is?
- How many pennies were you able to fit before your bridge fell?
- What could you add or do differently to make your bridge stronger?

# Colorado

Statehood: August 1, 1876

Postal Code: CO

Nickname: The Centennial

State

Capital: Denver

Location: Central U.S.

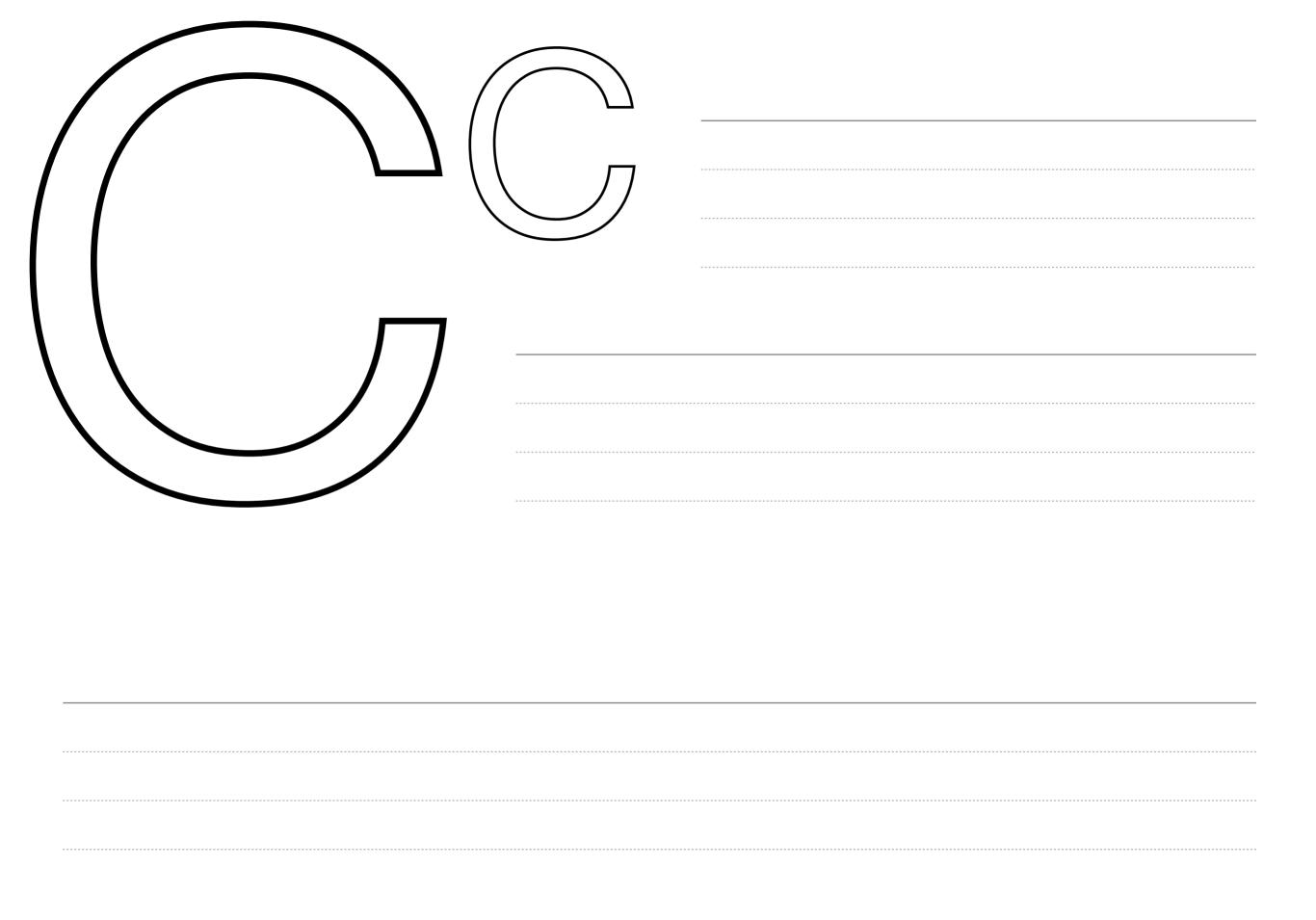
State Bird: Lark Bunting

State Flower: Rocky Mountain

Columbine



- · The Rocky Mountains mountain range passes through Colorado. Draw and color the mountain range on your physical map.
- Complete the Rocky Mountain Chart activity to learn more about how data is displayed.
- Research Florence R. Sabin and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Rocky Mountain Chart

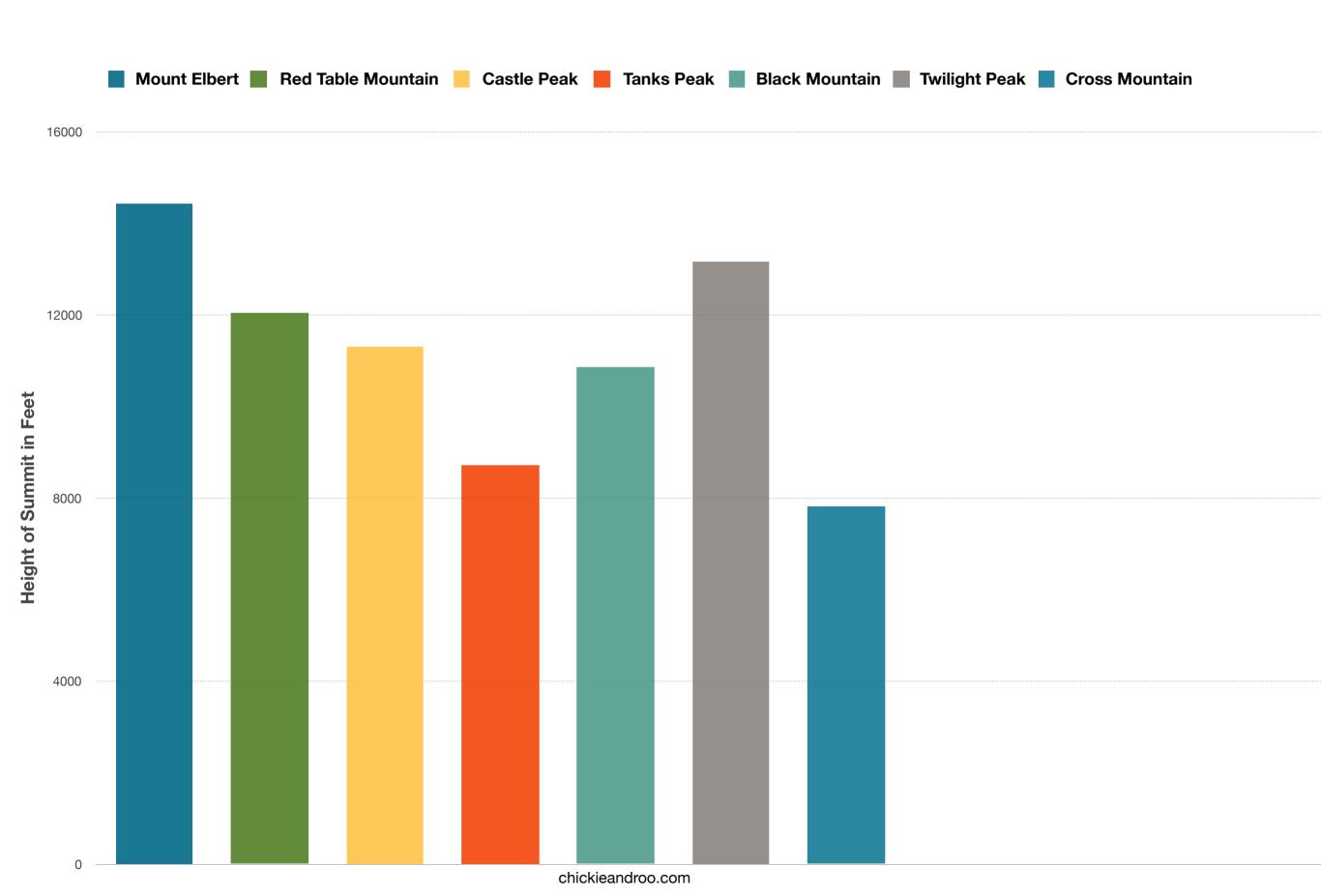
Colorado is known for it's Rocky Mountains mountain range. Colorado has some of the tallest mountains in the continental United States. The Rocky Mountain's tallest summits are shown on the chart on the next page. Cut up the chart and paste the data onto a piece of a construction paper. Assemble your own chart by pasting the summit data from shortest to tallest.

### New Words

- Continental United States- the states that are part of the main land mass of the country (which means it excludes Alaska and Hawaii.)
- Land Mass-a continent or large body of land
- Summit-tallest point of a mountain peak
- Mountain Range-a line of mountains connected by high ground
- Data-information (numbers and facts)
- Chart-a way to display data



### Mountain Summits In Colorado



# Connecticut

Statehood: January 9, 1788

Postal Code: CT

Nickname: The Constitution

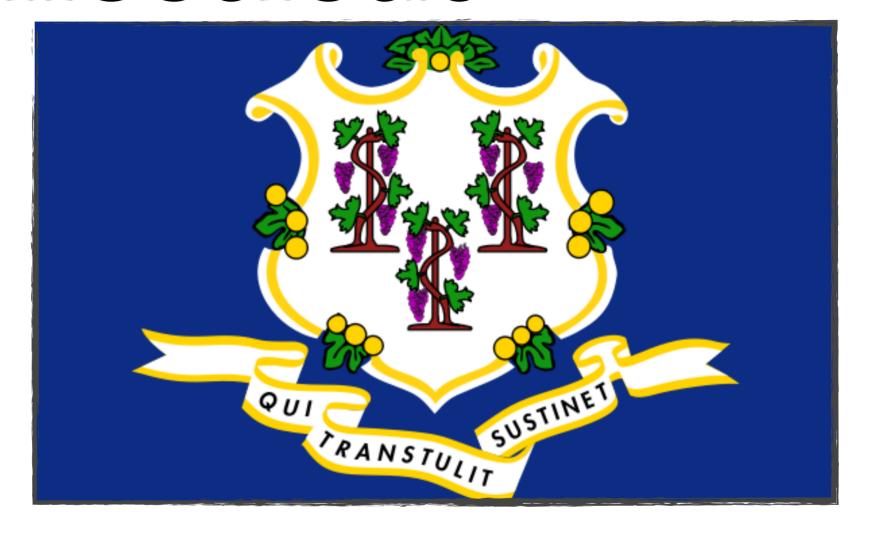
State

Capital: Hartford

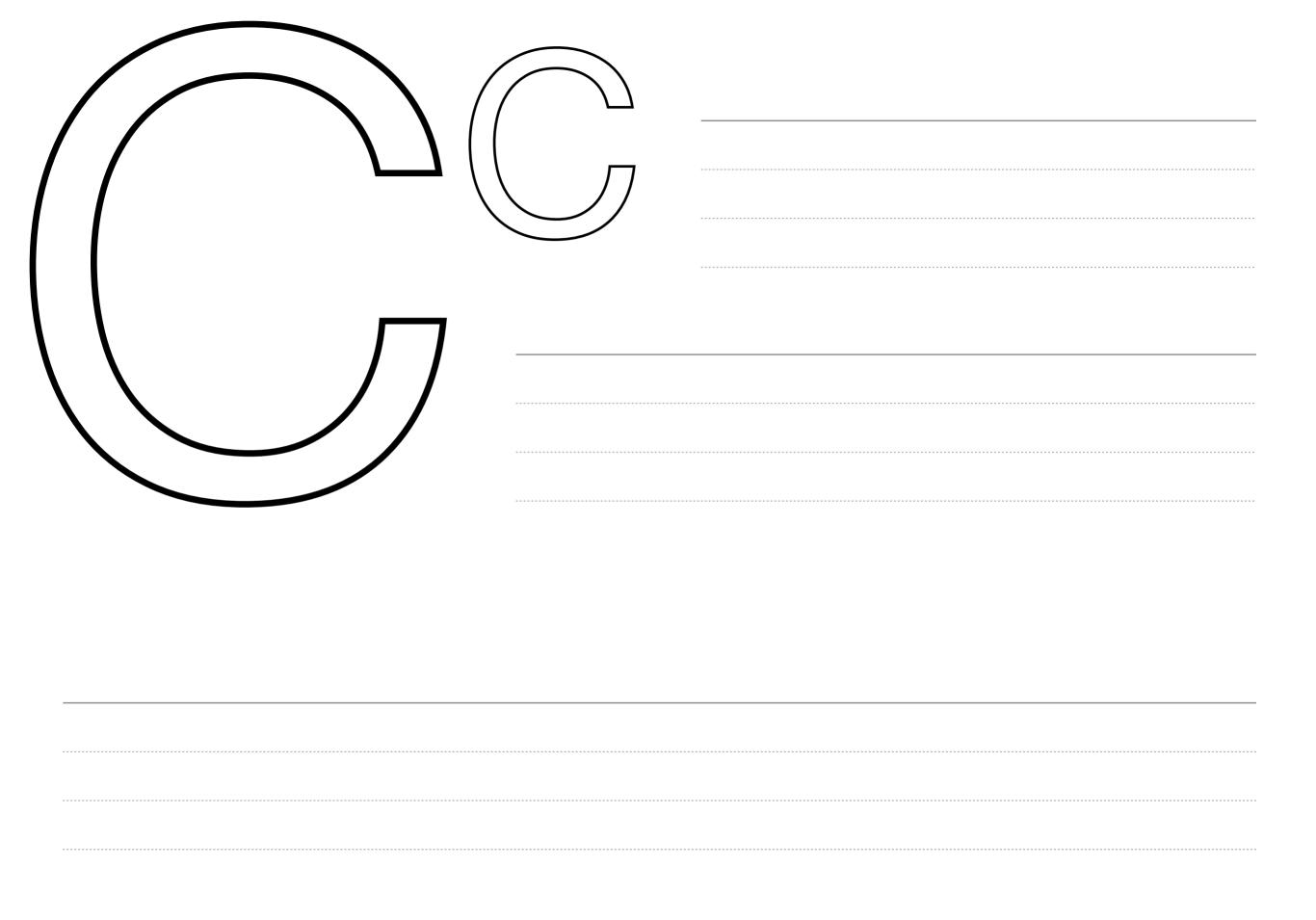
Location: Northeast (NE)

State Bird: Robin

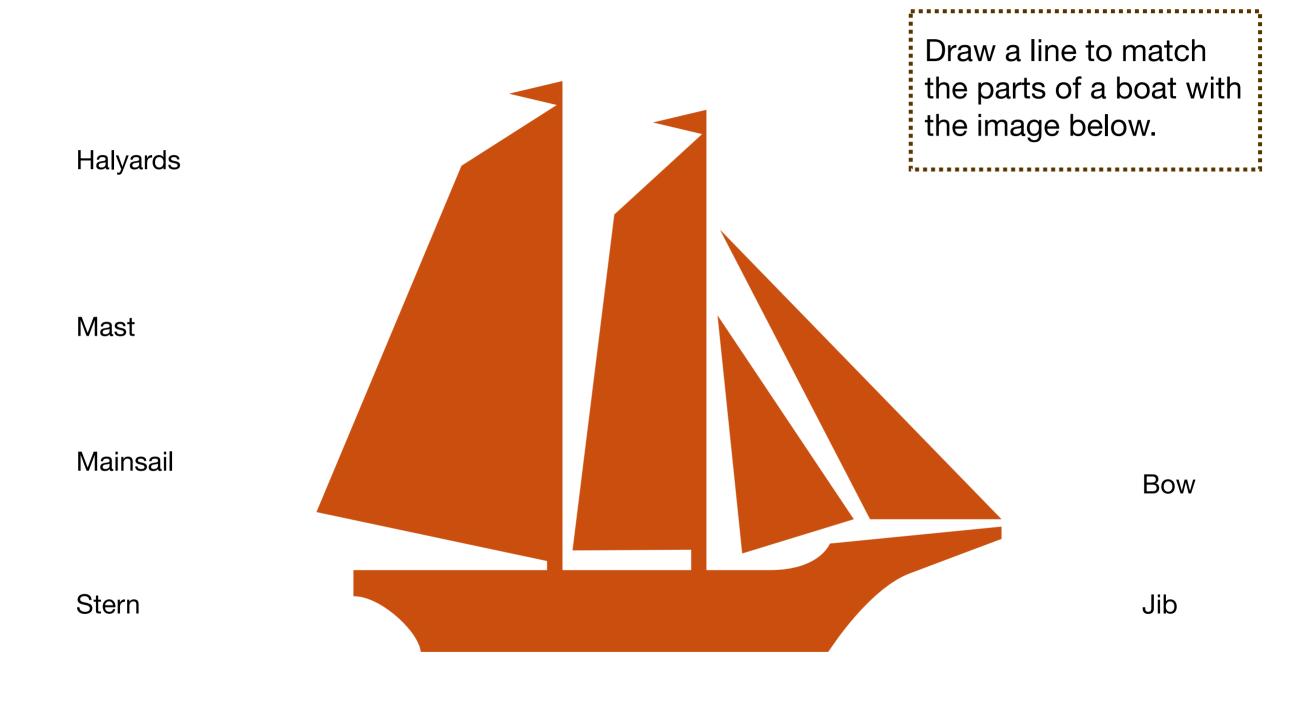
State Flower: Mountain Laurel



- · Connecticut is a coastal state with many harbors. Complete the anatomy of a boat page to learn the parts of a water vessel.
- Research Noah Webster and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Anatomy Of A Boat



Hull

# Delaware

Statehood: December 7th,

1787

Postal Code: DE

Nickname: The First State

Capital: Dover

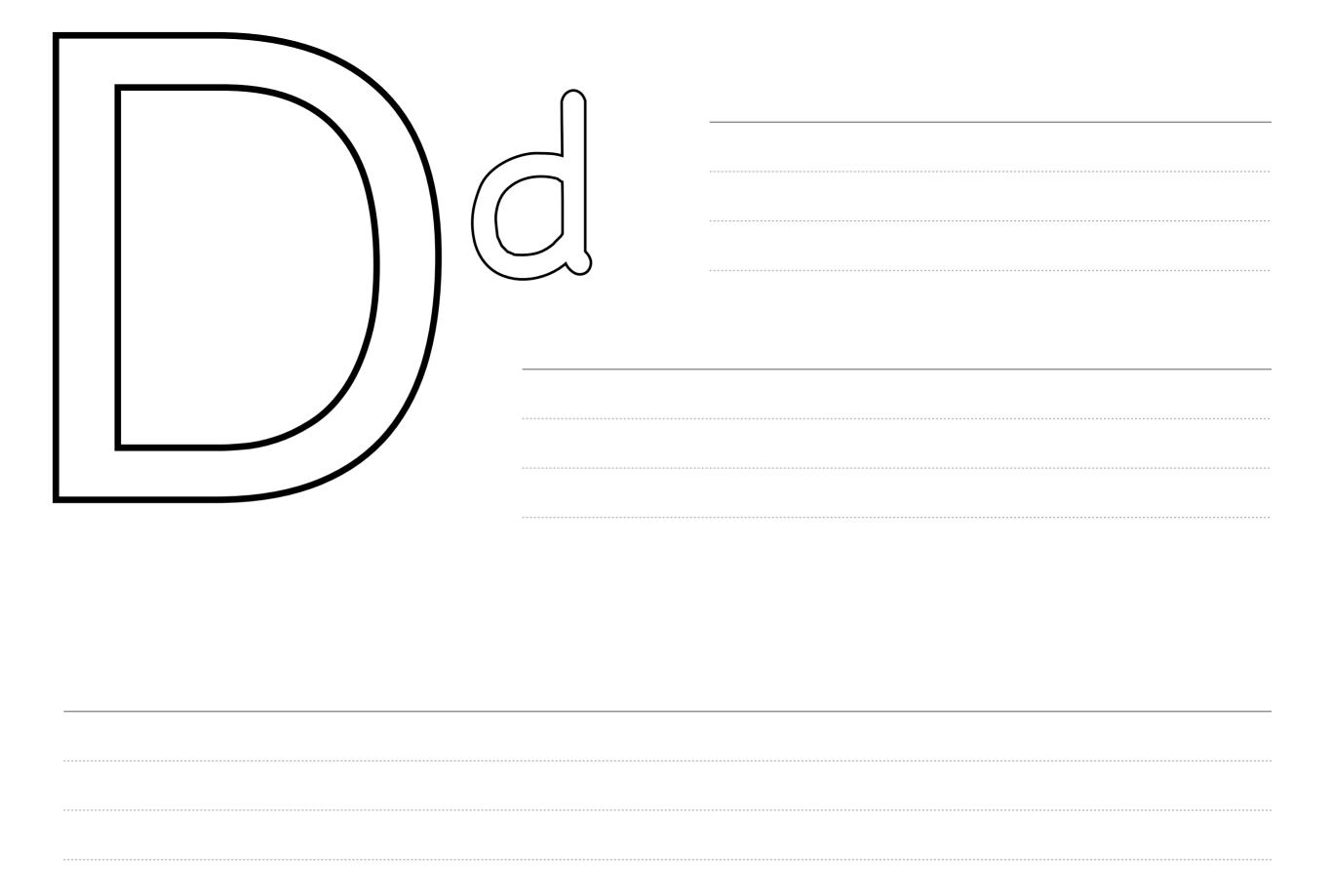
Location: Northeast (NE)

State Bird: Blue Hen Chicken

State Flower: Peach Blossom

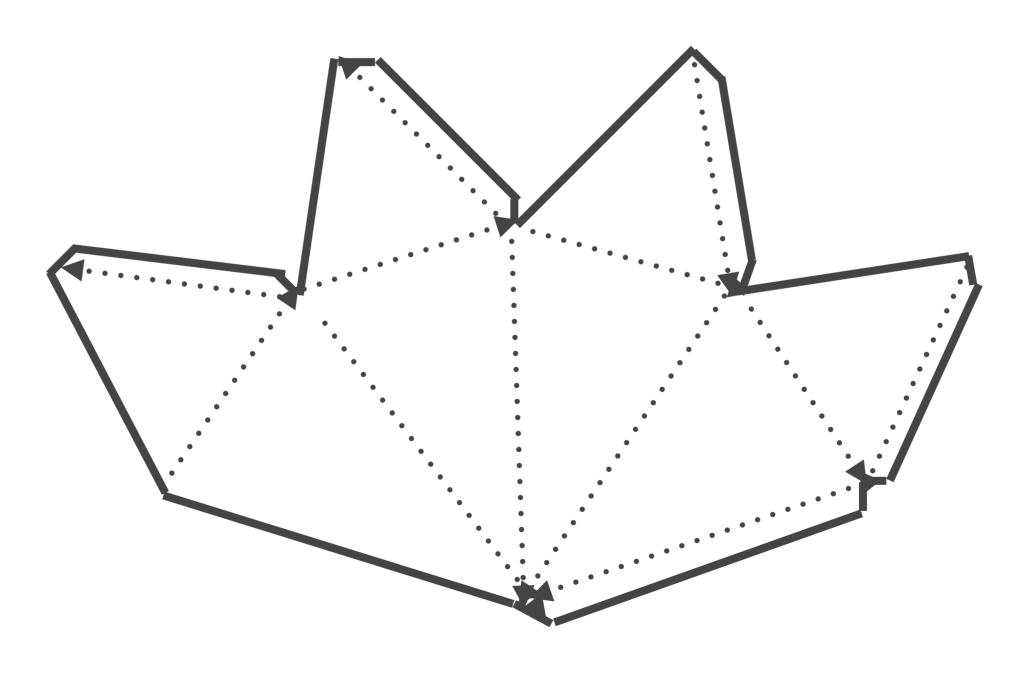


- Delaware is nicknamed the Diamond State. Complete the diamond craft to create your own paper gem!
- Research Henry Heimlich and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Diamond Craft

Delaware is sometimes called the Diamond State. Legend has it that Thomas Jefferson came up with this nickname because he thought Delaware was a jewel among states (because of where it is located on the east coast of the country). Complete the diamond activity below by cutting out and folding the template to make your own jewel! (Cut on solid lines and fold on dotted lines) Get creative and color before you cut out the gem, or sprinkle some glitter on it afterwards to make it sparkle!



# Florida

Statehood: March 3, 1845

Postal Code: FL

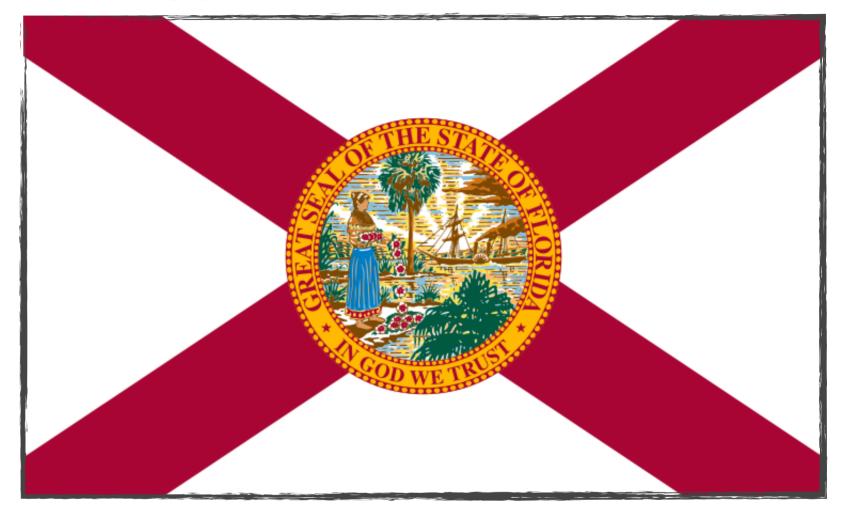
Nickname: The Sunshine State

Capital: Tallahassee

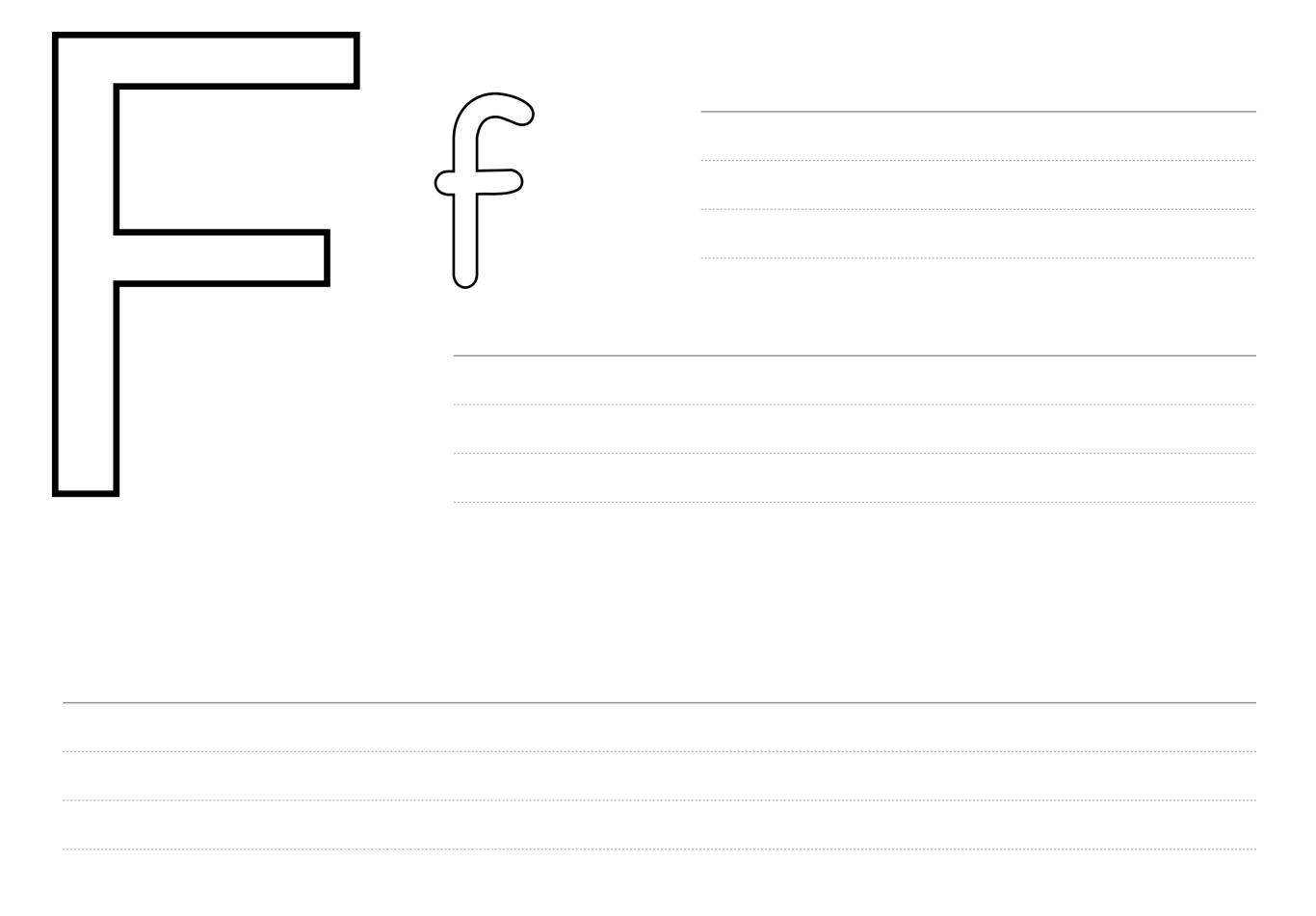
Location: Southeast (SE)

State Bird: Mockingbird

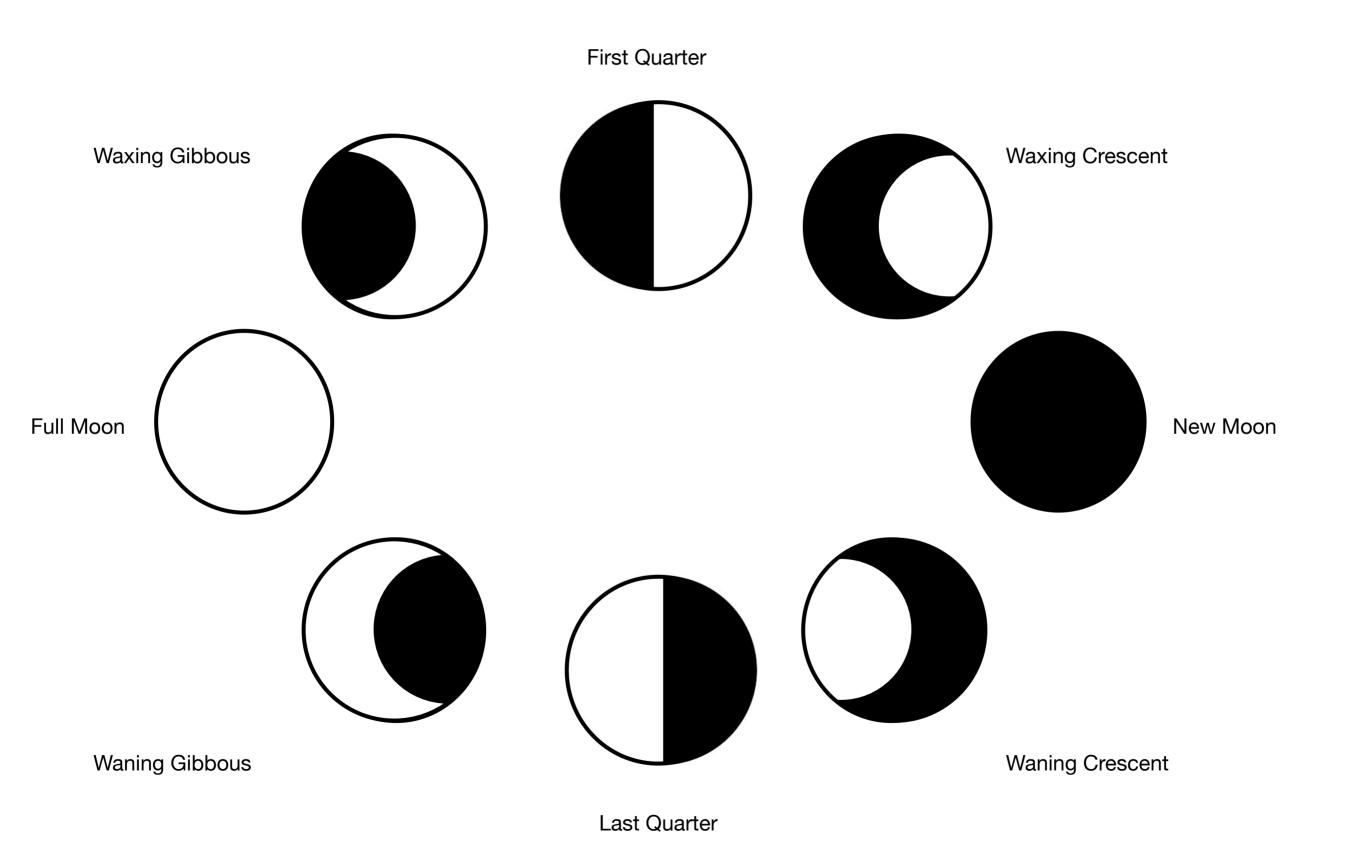
State Flower: Orange Blossom



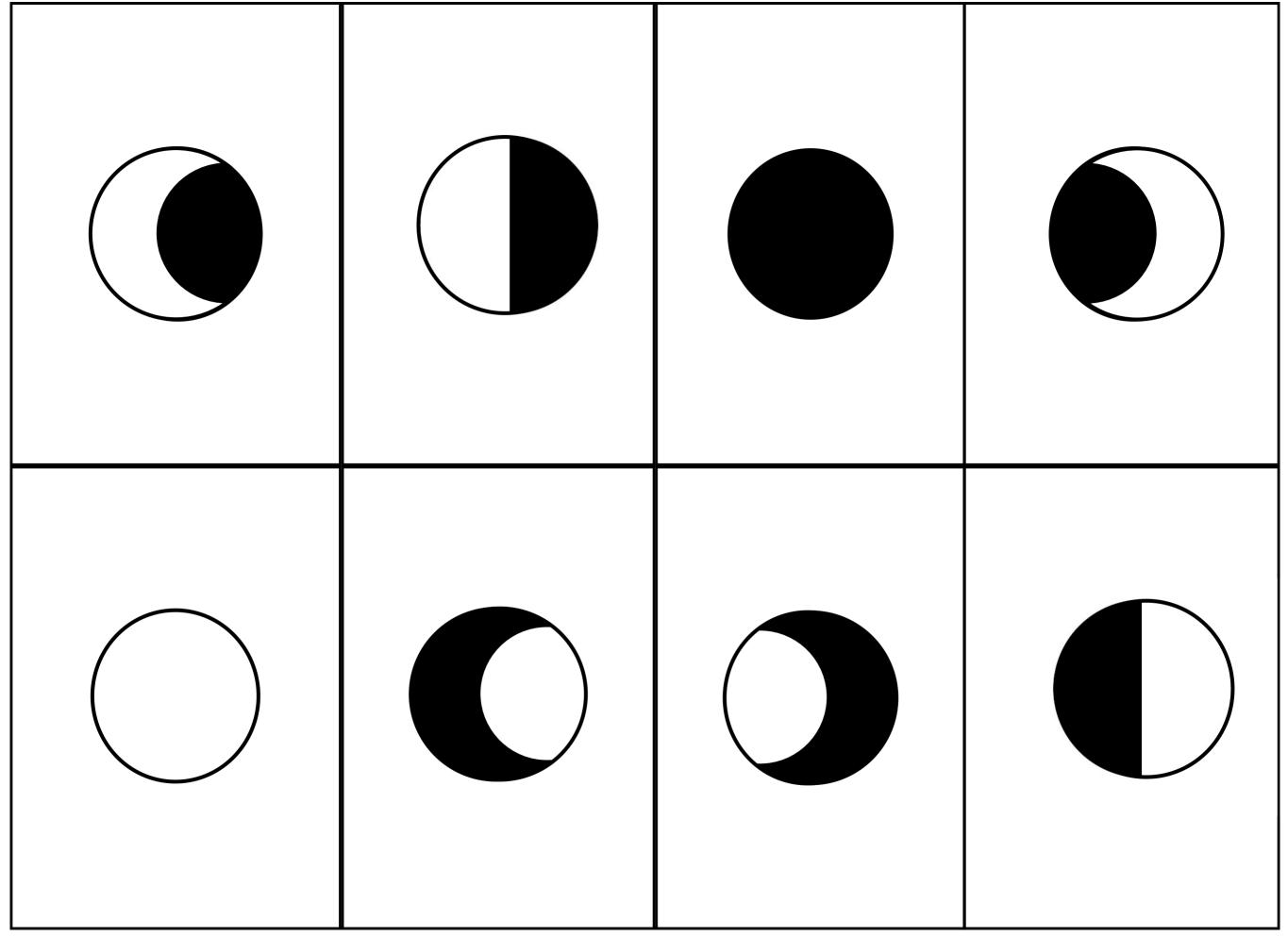
- Florida is home to NASA's Kennedy Space Center just northwest (NW) of Cape Canaveral. Established in 1958, this is where the Apollo Missions and Space Shuttles have launched off to explore space. Use your enclosed phases of the moon flashcards to learn more about our solar system!
- Research Juan Ponce De Leon and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Phases Of The Moon



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Waning Gibbous	Last Quarter	New Moon	Waxing Gibbous
Full Moon	Waxing Crescent	Waning Crescent	First Quarter

# Georgia

Statehood: January 2, 1788

Postal Code: GA

Nickname: The Peach State

Capital: Atlanta

Location: Southeast (SE)

State Bird: Brown Thrasher

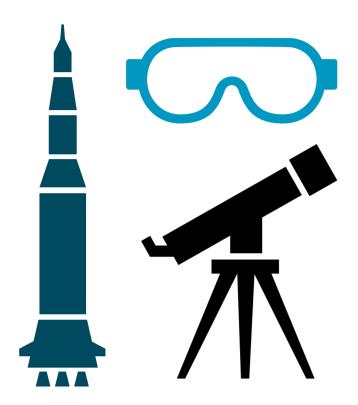
State Flower: Cherokee Rose



- Georgia is home to the U.S. Space & Rocket Center, the largest space flight museum in the world. They house one of only 3
  authentic Saturn V Rockets in the world. Complete the activity on the following page to build your own rocket and learn more
  about the historic Apollo missions.
- · Research Dr. Martin Luther King, Jr. and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Rocket Experiment



### **Materials:**

Empty 35mm plastic film canister (with cap)

Construction paper

Tape

Scissors

1 fizzing antacid tablet

Water

### **Instructions:**

- Use your scissors and construction paper to cut 3 small triangles for the wings of your rocket.
- 2. Tape the wings of your rocket on the outside of your canister near the bottom.
- 3. Remove the lid from the film canister and pour a teaspoon of water inside.
- Have an adult help you cut or break your antacid tablet in half and place one piece into the film canister. Quickly place the lid onto the canister firmly.
- 5. **Quickly** place your rocket onto the ground **cap side down** and take a few steps back.
- 6. Watch as your rocket blasts off into the air!

#### Reflect:

- What happened when your rocket blasted off? What did you see? What did you hear?
- Did your rocket travel as high as you thought it would?
- How can you make your rocket go farther or faster?

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## Hawaii

Statehood: August 21, 1959

Postal Code: HI

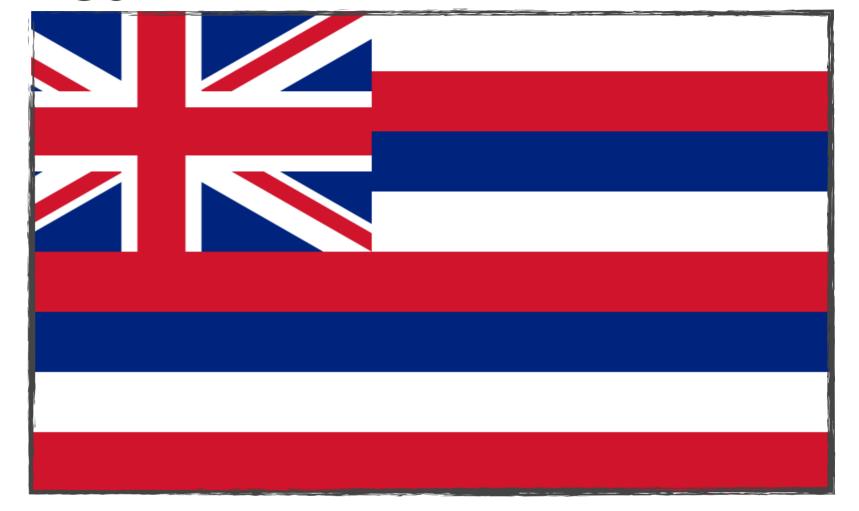
Nickname: The Aloha State

Capital: Honolulu

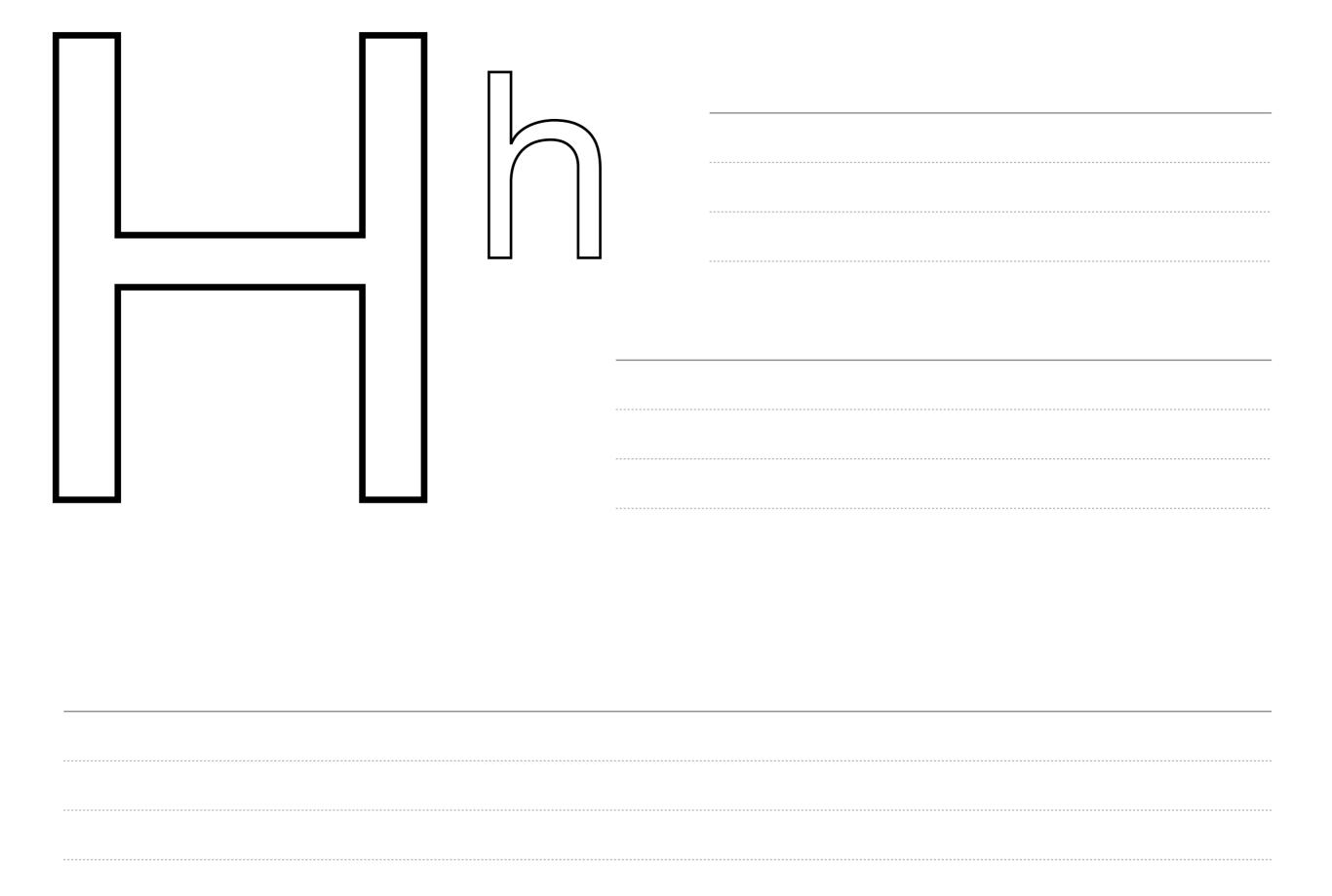
Location: West (W)

State Bird: Nene

State Flower: Hibiscus



- One of the landforms that Hawaii is known for is it's volcanos! Complete the volcano experiment on the following page to see an eruption before your very eyes!
- Draw and color volcanos over the Hawaiian islands on your physical map.
- Complete the Layers Of The Earth color-by-number activity to learn more about volcanos.
- Research Bernice Pauahi Bishop and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Volcano Experiment

### Materials:

- Large piece of cardboard (to build your volcano on)
- Construction paper
- 2-Liter bottle
- Markers
- Baking soda
- Water
- Vinegar
- Dish soap
- Food coloring (red or orange)
- Tape
- Funnel

Be sure to have an adult help you measure and pour the ingredients and remember to keep your hands off of your face! It's best to wear safety glasses and gloves when we're doing science experiments!



### **Instructions:**

- 1. Glue or tape your 2-liter bottle to your cardboard base.
- 2. Decorate and color your construction paper in your own creative way.
- Cut up your construction paper and wrap it around your 2-liter bottle (adhering it to the cardboard base as well so that you cannot see your bottle.)
- 4. Add any extra decorative details to your cardboard or volcano base.
- 5. Fill your 2-liter bottle 2/3 of the way full with water.
- 6. Have an adult help you measure out 4-6 tablespoons of baking soda and pour it into your bottle (use a funnel so you don't spill your baking soda.)
- 7. Add a teaspoon of dish soap and couple drops of food coloring to your bottle.
- 8. Pour 1 cup of vinegar into your bottle and stand back to watch your eruption!

### Volcano Art

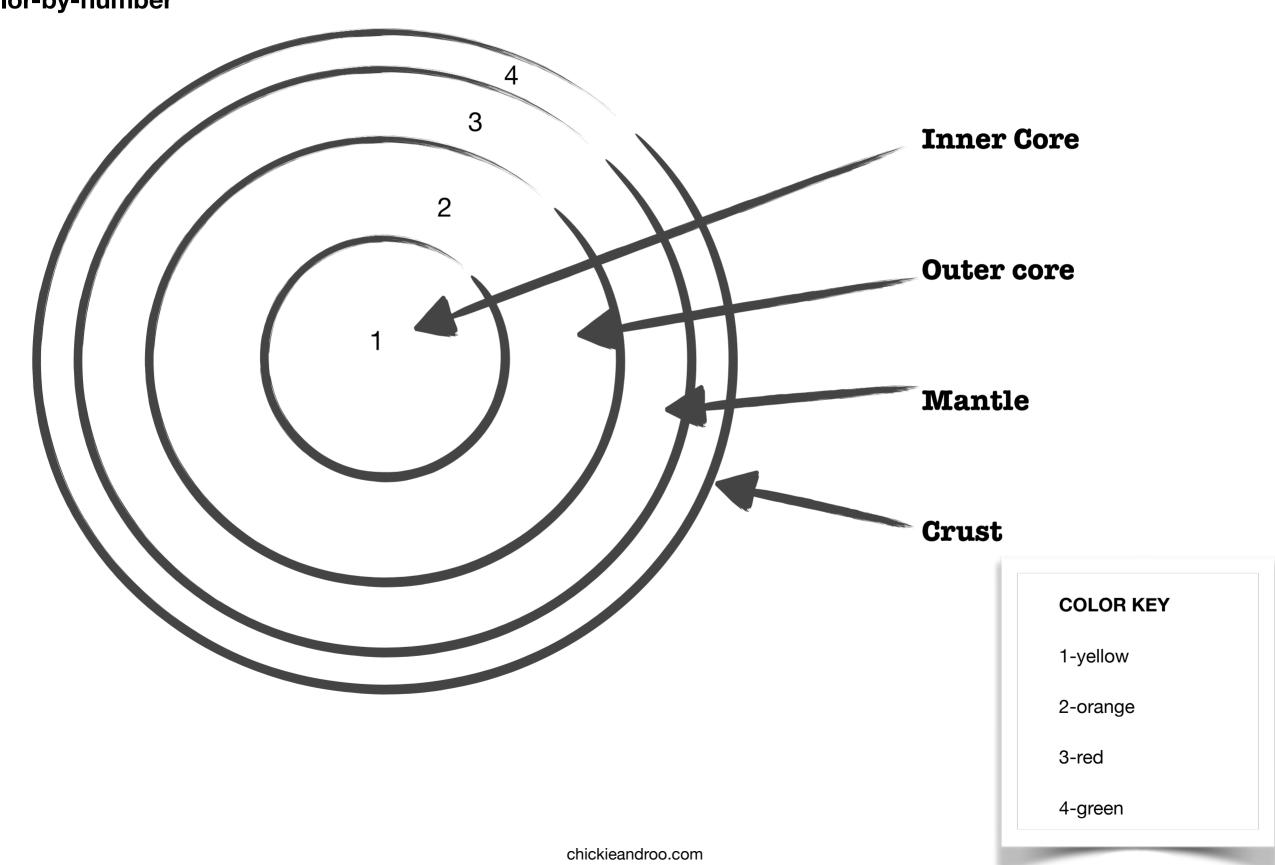
Draw and color a picture of what your volcano looked like when it erupted!

### New Words

- Volcano-a mountain or hill with a vent that allows lava, hot vapor or gas to erupt from the earth's crust
- Erupt-to burst and eject matter
- Lava-molten (or liquid) rock
- Dormant-inactive or asleep (some volcanos are dormant which means that they have not erupted in a long period of time)
- Earth's crust-outermost layer of the earth (the part we live on)
- Island-a mass of land completely surrounded by ocean

## Layers Of The Earth

Color-by-number



## Idaho

Statehood: July 3, 1890

Postal Code: ID

Nickname: The Gem State

Capital: Boise

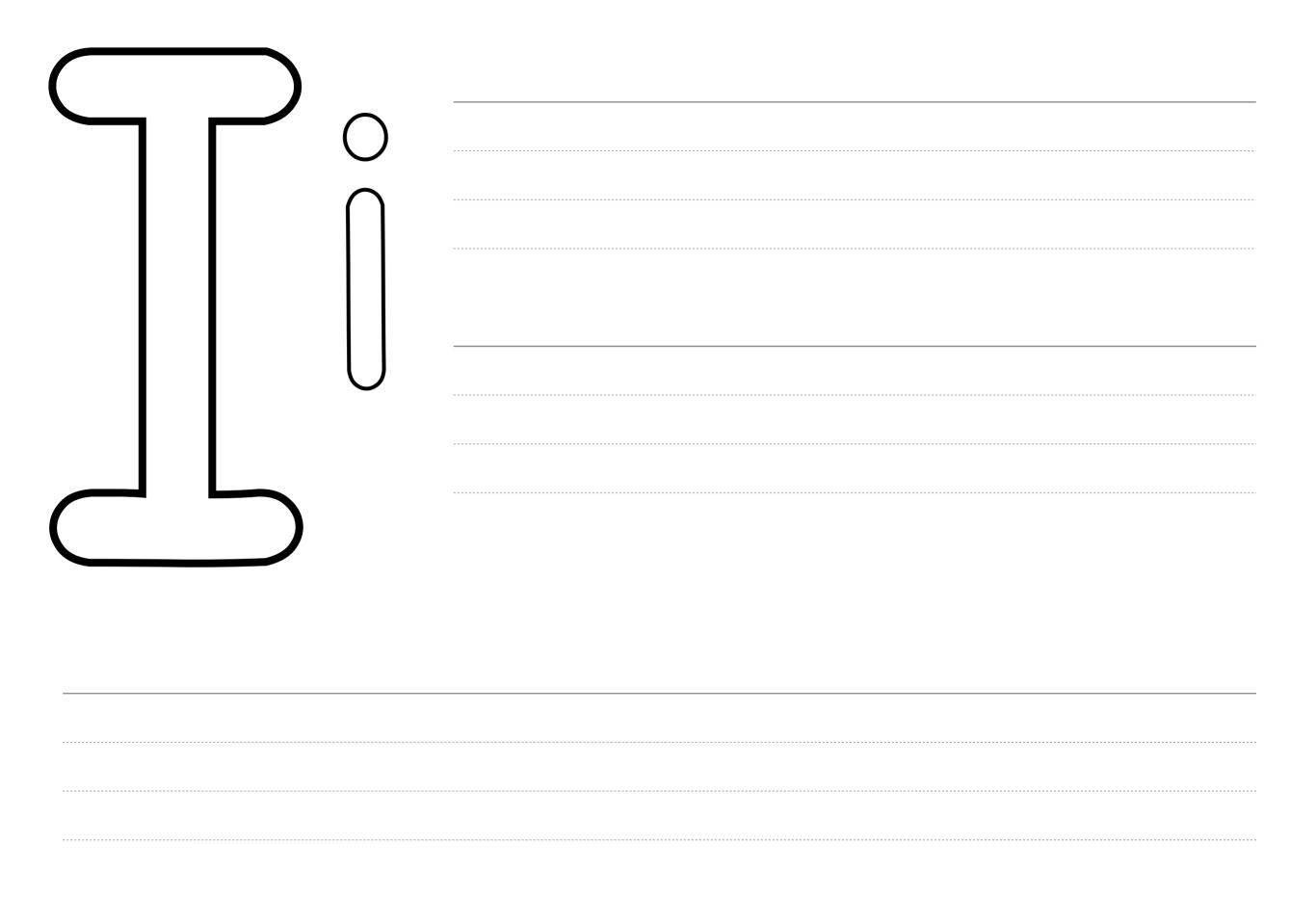
Location: Northwest (NW)

State Bird: Mountain Bluebird

State Flower: Syringa



- Idaho is famous for their potato industry! Complete the Potato Experiment activity to grow your own potato!
- Research Sacagawea and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Potato Experiment

Idaho is famous for their potato farming industry. Gather your materials and follow the steps below to grow your own potato!

#### **MATERIALS:**

- -1 sweet potato
- -toothpicks
- -Cup
- -water





#### **Instructions:**

- 1. With an adult's help, carefully slide the toothpicks into the skin of the potato. Ideally, you want the toothpicks to go all the way through the potato and come out the other side.
- 2. Fill your cup up with water.
- 3. Place your potato over the open mouth of the cup with the toothpicks resting on the edges of the cup's rim.
- 4. Place in a warm area and wait! Within a week, your potato will have what are called 'slips', sprouts coming out of the skin! You can pull the slips off of the potato and plant them individually into your garden.

#### Take note:

Sweet Potatoes are a ground covering plant. In a short amount of time, they will grow rapidly and continue producing slips and rooting along their vines. It is best to plant them about 8"-1ft about from one another and not combined with other plants.

# Illinois

Statehood: December 3, 1818

Postal Code: IL

Nickname: The Prairie State

Capital: Springfield

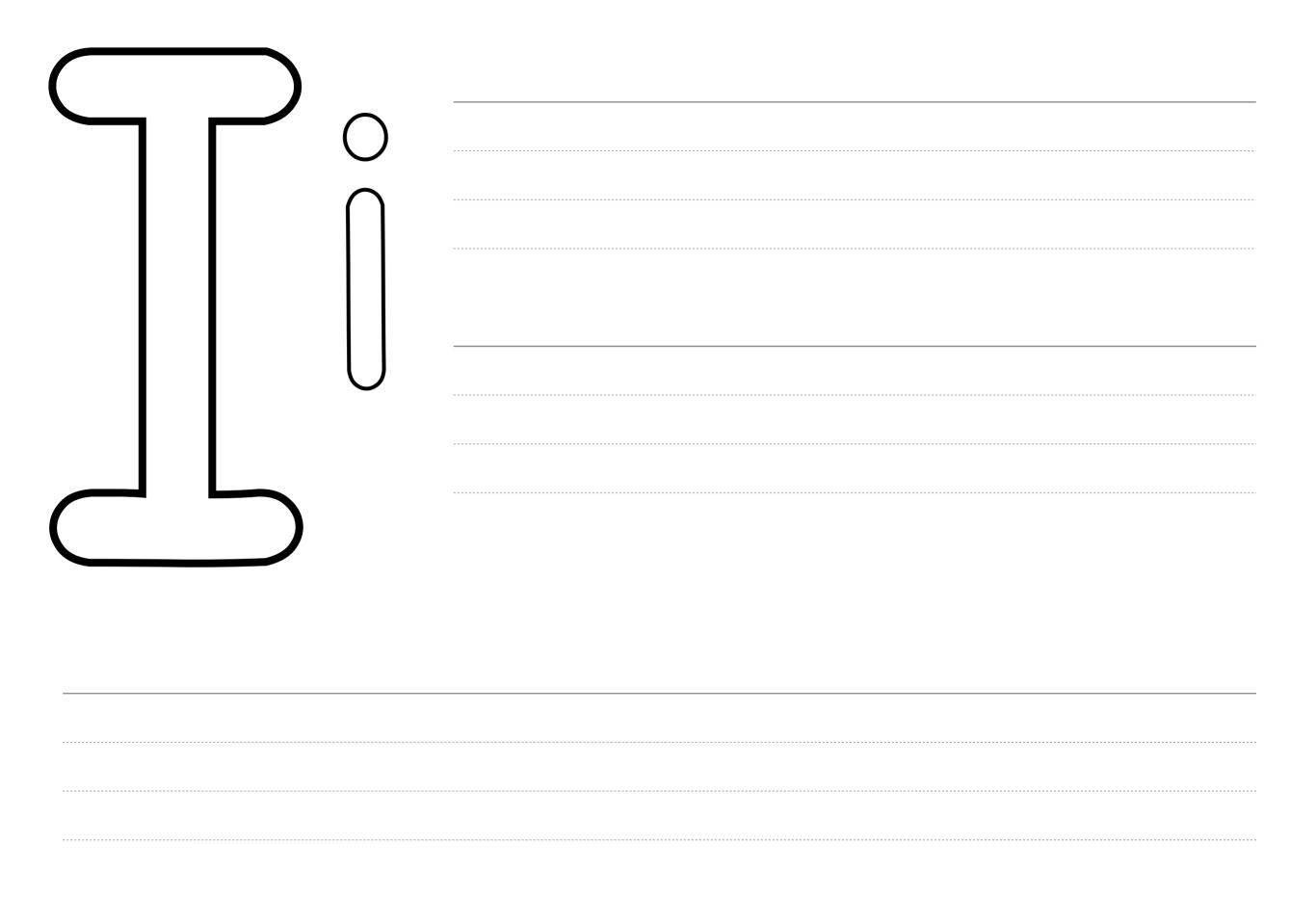
Location: Central U.S.

State Bird: Cardinal

State Flower: Native Violet



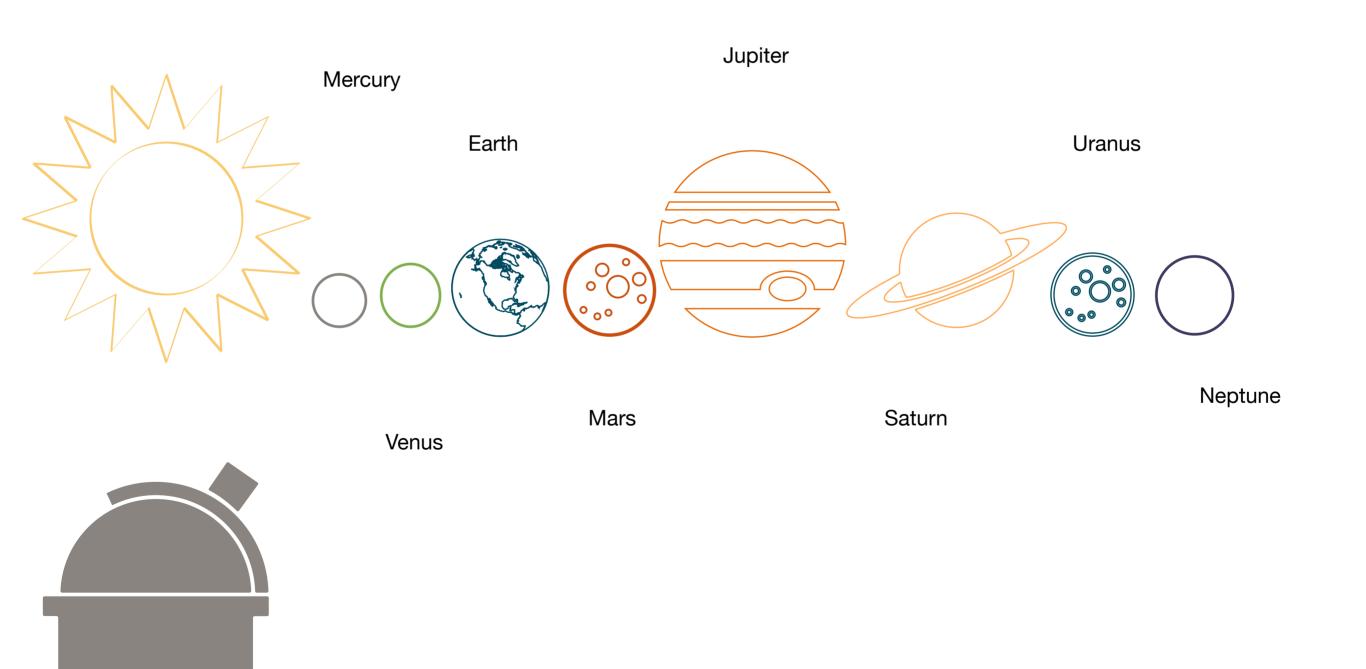
- Complete The Planets activity page to learn about a historical Illinois landmark and our solar system.
- Research President Abraham Lincoln and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### The Planets

The Adler Planetarium And Astronomy Museum opened in 1930 and was the first planetarium in the Western Hemisphere.

Color the Planets below and draw lines to match the name to the images.



# Indiana

Statehood: December 11,

1816

Postal Code: IN

Nickname: The Hoosier State

Capital: Indianapolis

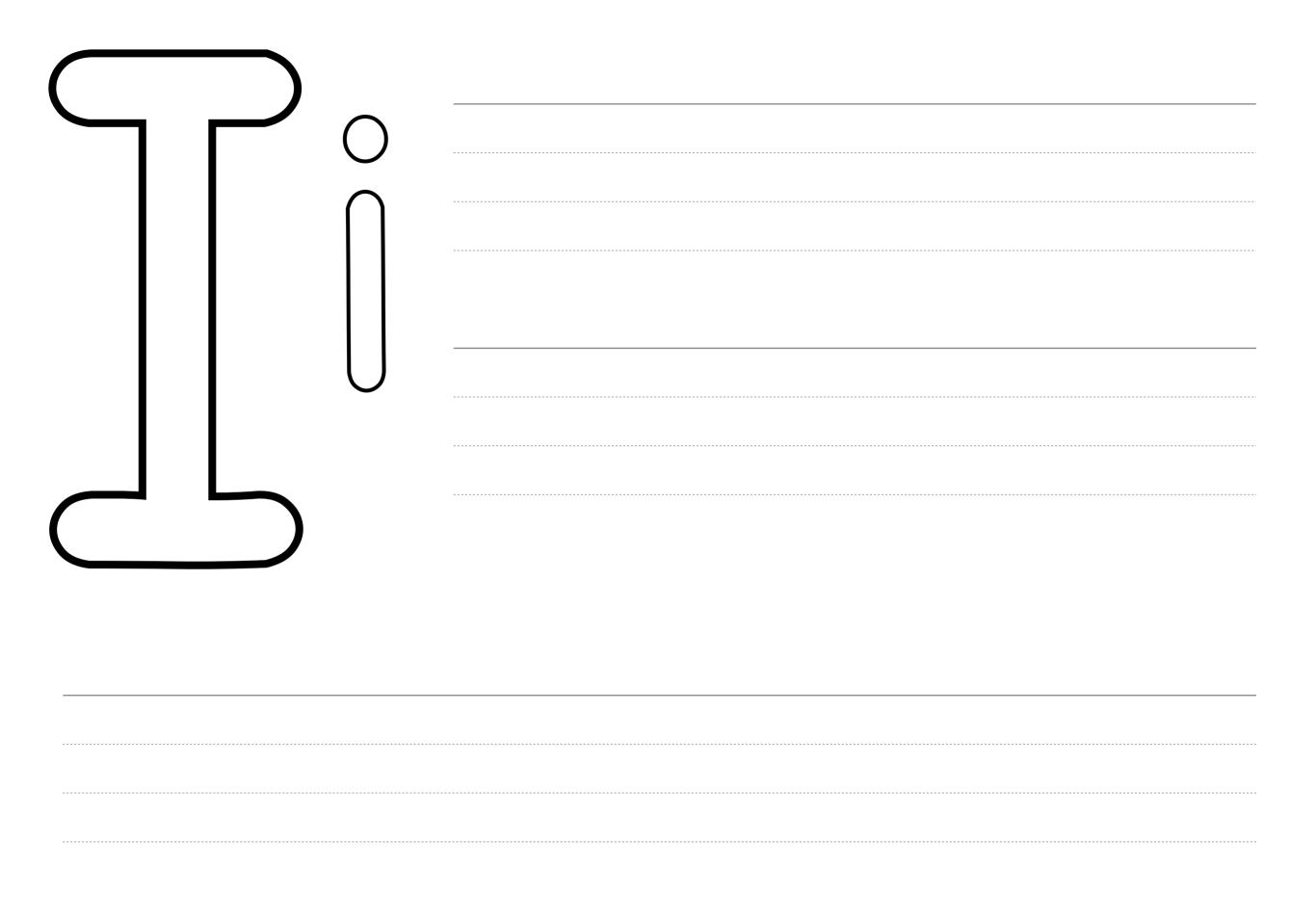
Location: Central U.S.

State Bird: Cardinal

State Flower: Peony



- Indiana contains a rich history of flight. Complete the Things That Fly In The Sky match up to learn more about different types of aircraft.
- Build your own glider to experiment with flight!
- Research Wilbur Wright and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Things That Fly In The Sky

Draw a line to match the words below with the correct image to the left.



Glider



Rocket



Airplane



Helicopter

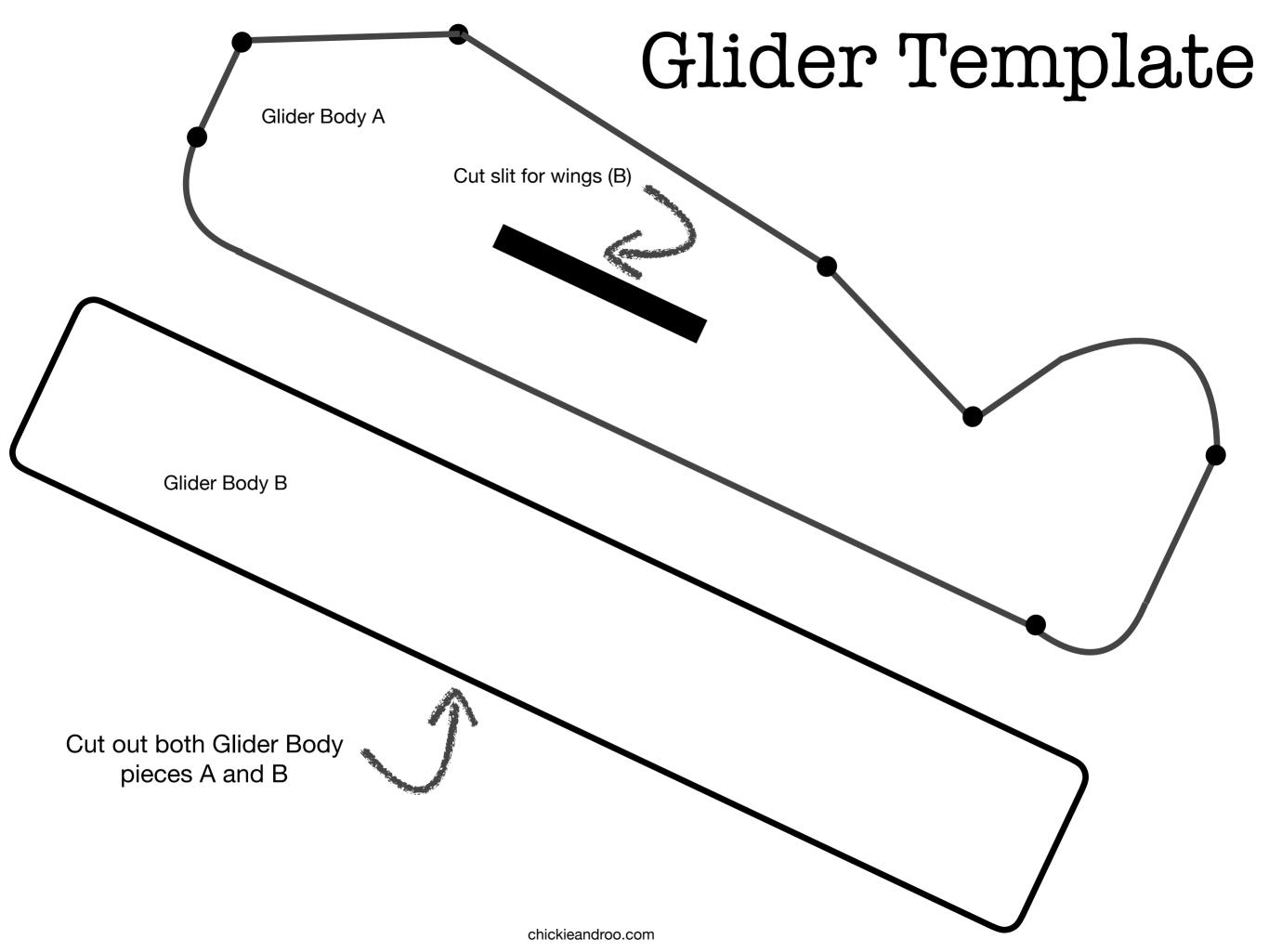
### **Build Your Own Glider!**

#### **Materials:**

- Glider template on following page
- Tape or glue
- Markers or crayons to decorate if you'd like
- Scissors

#### **Instructions:**

- 1. Color the template on the following page
- 2. Cut out template
- 3. Cut holes in the labeled slits
- 4. Insert piece B through the slits in piece A
- 5. Tape or glue the pieces together if they are unstable
- 6. Fly your glider!
- 7. Launch multiple flights and time them. Record how far your glider flies!



## Iowa

Statehood: December 28,

1846

Postal Code: IA

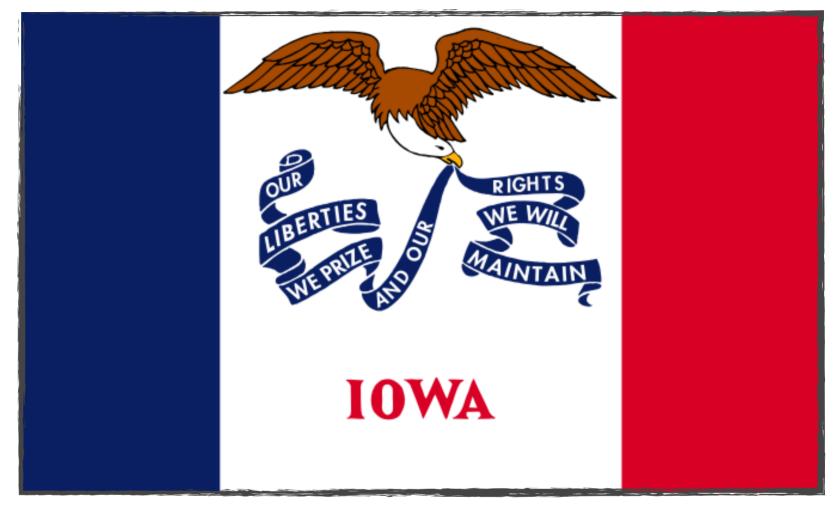
Nickname: The Hawkeye State

Capital: Des Moines

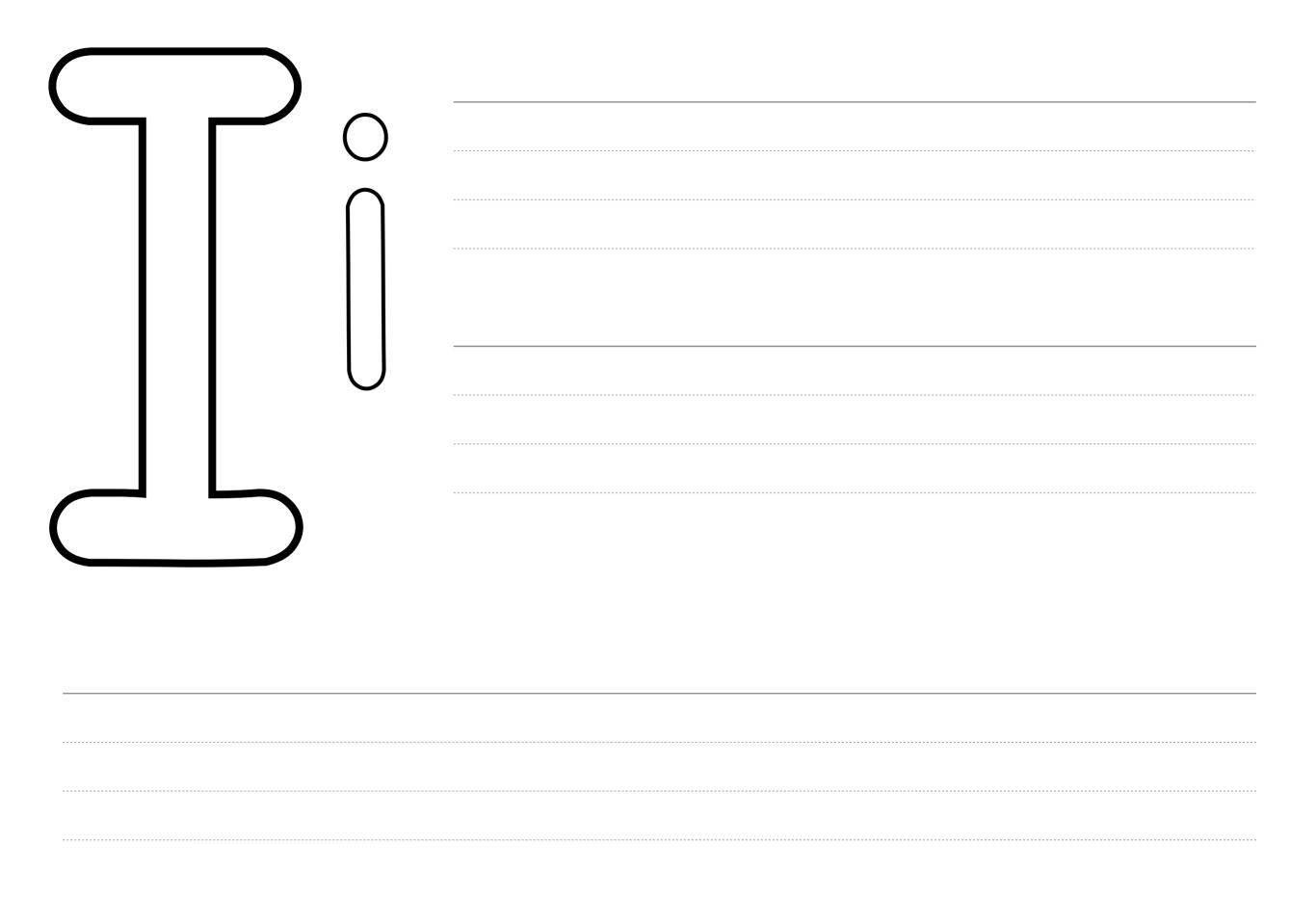
Location: Central U.S.

State Bird: Eastern Goldfinch

State Flower: Wild Rose

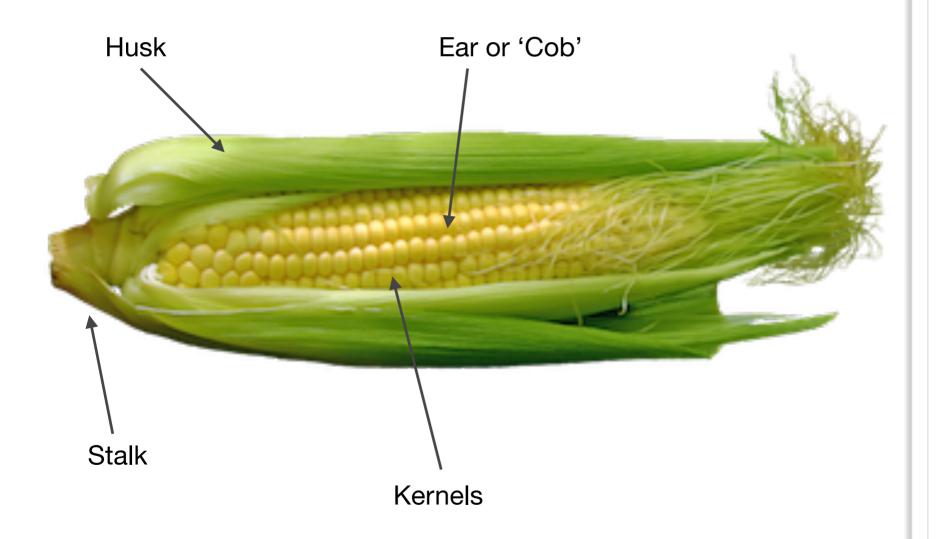


- · Complete the Anatomy Of Corn and Corn Scavenger Hunt to learn what products we use contain corn.
- Research William Frederick "Buffalo Bill" Cody and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Anatomy Of Corn

lowa is the top producer of corn in the United States. Learn about corn from the anatomy of corn diagram, then go on a scavenger hunt in your home to find other things that contain corn!



### Scavenger Hunt!

We use corn in a lot of products! Search through your home and pantry for different items that contain corn. Draw a picture or list them below:

## Kansas

Statehood: January 29, 1861

Postal Code: KS

Nickname: The Sunflower

State

Capital: Topeka

Location: Central U.S.

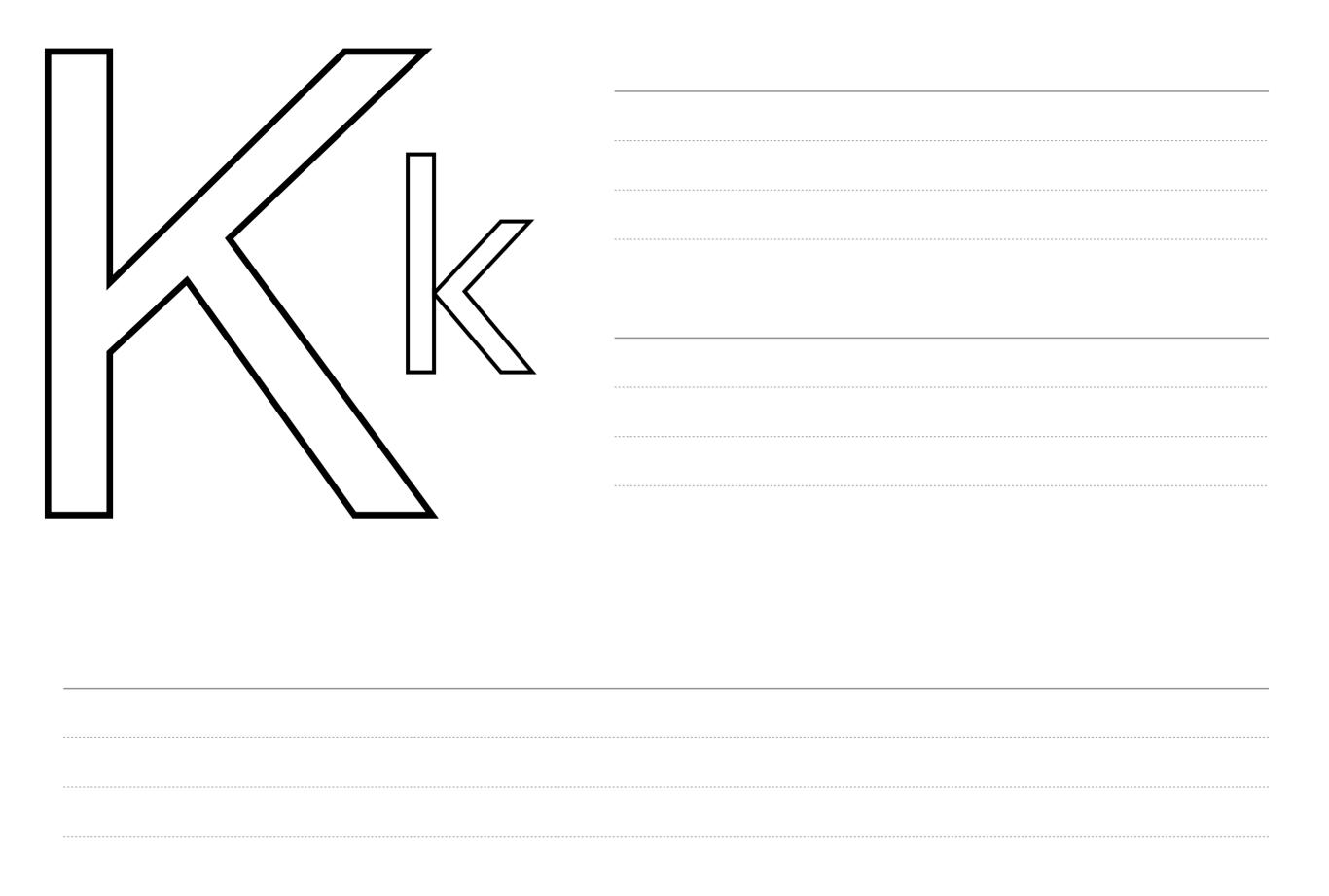
State Bird: Western

Meadowlark

State Flower: Sunflower



- Kansas is one of the states with the most tornadoes that form every year. Complete the tornado experiment on the following page to see a spinning vortex in action!
- Research Amelia Earhart and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Tornado Experiment

Create your own vortex in a bottle with the materials and instructions below.

### **New Words:**

- Vortex- swirling fluid or air
- Funnel Cloud- a cone shaped cloud
- Tornado- a funnel-shaped cloud with rotating winds
- Tornado Alley- an area of the central U.S. where the highest amount of tornados are known to form.
- Prediction- making an educated guess on what will happen
- Siren- a loud alarm or warning
- Barometric pressure- (air pressure) the weight of a column of air that extends from the ground to the atmosphere

Type to enter a caption.

### **Materials:**

- Water bottle
- Food coloring (we like blue)
- Glitter or sparkles

#### **Instructions:**

- 1. Fill your water bottle with water
- 2. Drop a few drops of food coloring in the water
- 3. Add any other sparkles or decorations
- 4. Screw your cap on TIGHT!
- 5. Swirl your bottle fast in one direction.
- 6. Turn your bottle upside down and set it on the counter.
- 7. Observe the water's patterns.

# Kentucky

Statehood: June 1, 1792

Postal Code: KY

Nickname: The Bluegrass

State

Capital: Frankfort

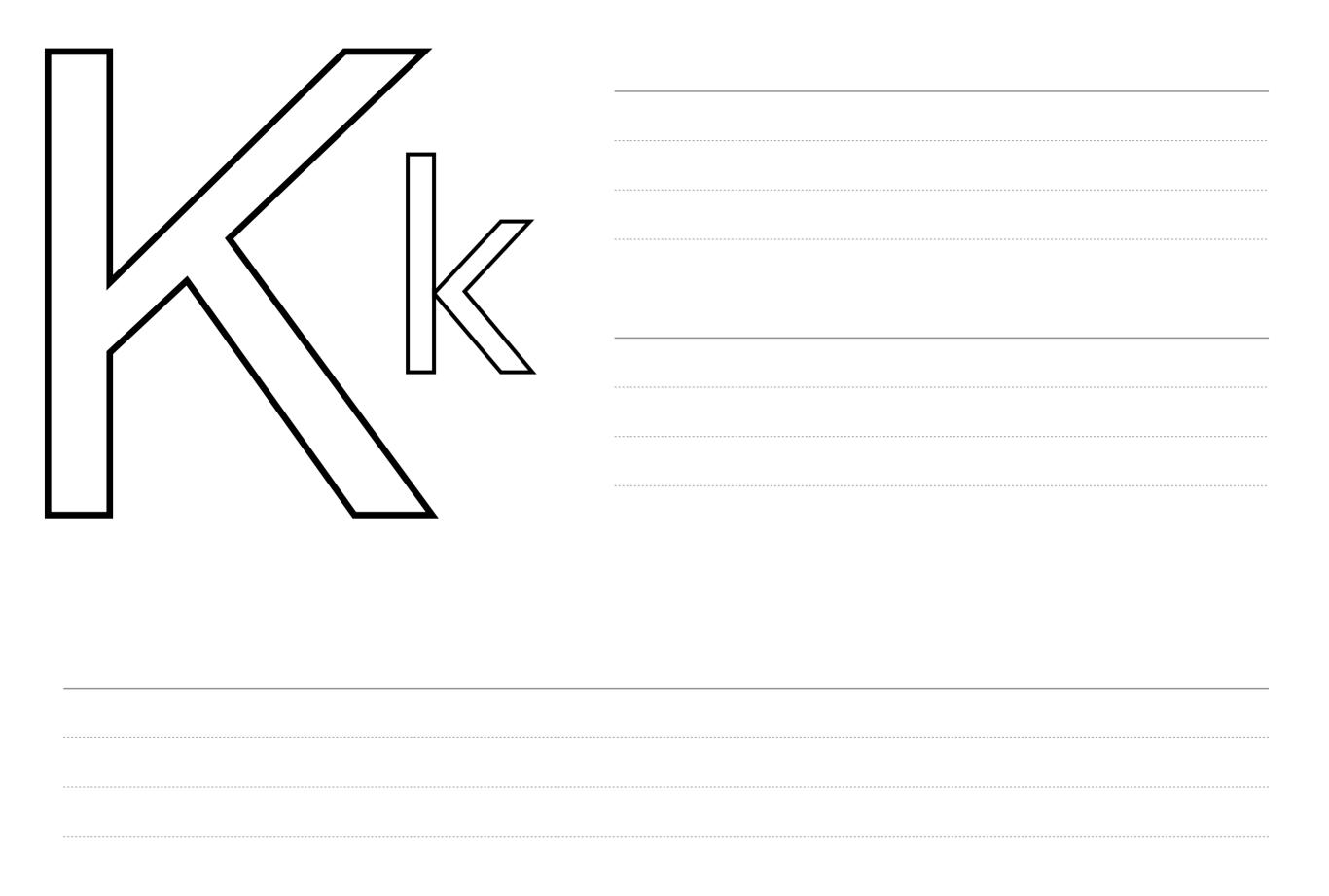
Location: East (E)

State Bird: Cardinal

State Flower: Goldenrod



- Kentucky is known for their horse-breeding industry and the Kentucky Derby. Complete the Anatomy Of A Horse worksheet to learn more about these animals.
- Research Daniel Boone and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



## Anatomy Of A Horse

Poll Draw a line to match the parts of the horse with the image Mane Forelock Tail Chest Girth Hooves

# Louisiana

Statehood: April 30, 1812

Postal Code: LA

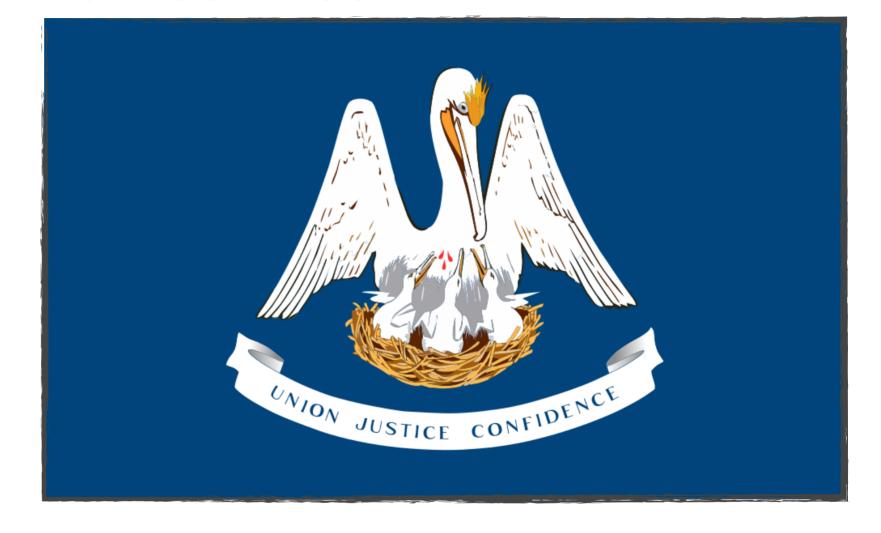
Nickname: The Pelican State

Capital: Baton Rouge

Location: South (S)

State Bird: Brown Pelican

State Flower: Magnolia



- A famous celebration called Mardi Gras takes place in Louisiana every year. Complete the Create your Own Mardi Gras Mask to learn about the culture of this state!
- Research Louis Armstrong and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.


#### Create Your Own Mardi Gras Mask

Cut out the mask below and color or paint it however you'd like! Decorate it with beads, stickers or glitter to make it special! Punch a hole to tie string through each side, or glue the mask to a craft stick to use it!



### Maine

Statehood: March 15, 1820

Postal Code: ME

Nickname: The Pine Tree State

Capital: Augusta

Location: Northeast (NE)

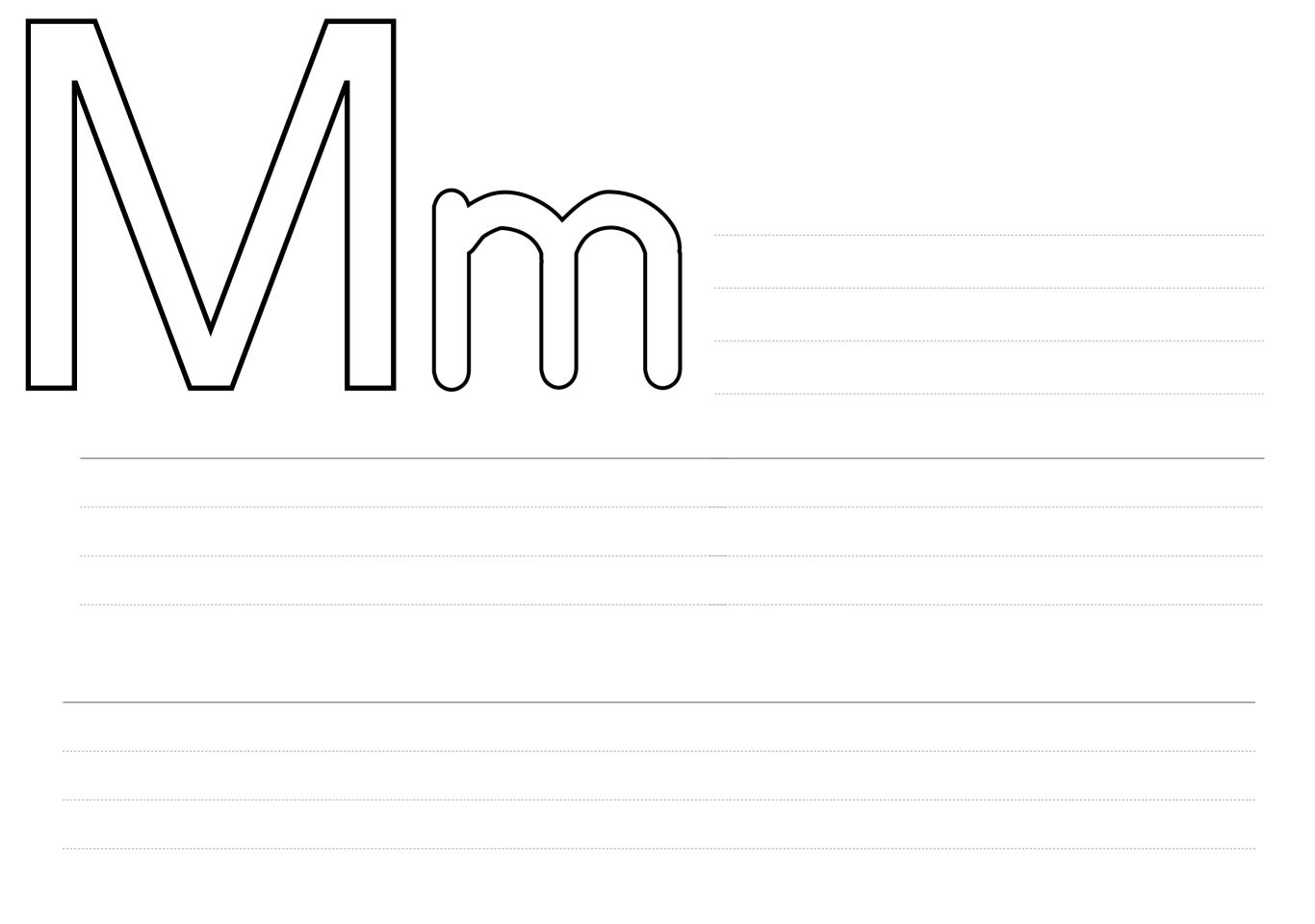
State Bird: Chickadee

State Flower: White Pine Cone

& Tassel



- Maine has more lighthouses than any other states due to it's rocky shores and sprawling coastline. Complete the lighthouse
  activity page to identify compound words.
- Maine is famous for it's lobsters! Complete the lobster anatomy activity worksheet to learn more about these arthropods!
- · Research Henry Wadsworth Longfellow and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



# Lobster

#### Did You Know?

Lobsters are technically arachnids! They have 8 legs (like spiders) and belong to a larger group of animals called arthropods. Arthropods have segmented bodies and a shell. They molt when they outgrow their 'skin'.

# Anatomy

#### Parts Of A Lobster

Draw a line to match the body parts to the image on the right.

Claw

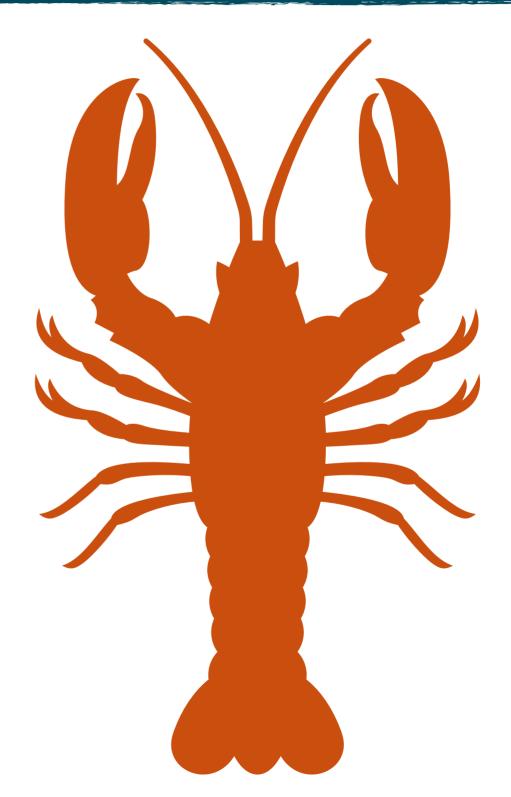
Legs

**Tail Fan** 

Head

**Antennae** 

Thorax (body)



# Lighthouse is a compound word-which means it is a word made up of two words put together. Circle the compound words from the list below.

Bathtub Outdoors Lookout

Birdhouse Animal Tower

Apple Staircase Seagull

Mountain Flashlight Harbor

Coastline Beacon Driftwood

Sunshine Fishing Moose

Ocean Waves Ferry

Lobster Wildlife Boating Campfire Vacation

Northeast Hiking Nature Daylight Motorcycle

Sunflower Spyglass Playground Trail Snowstorm

Shipwreck Explorer Barefoot Lifeboat Waterfall

Type to enter a caption.

chickieandroo.com

# Maryland

Statehood: April 28, 1788

Postal Code: MD

Nickname: The Old Line State

Capital: Annapolis

Location: Northeast (NE)

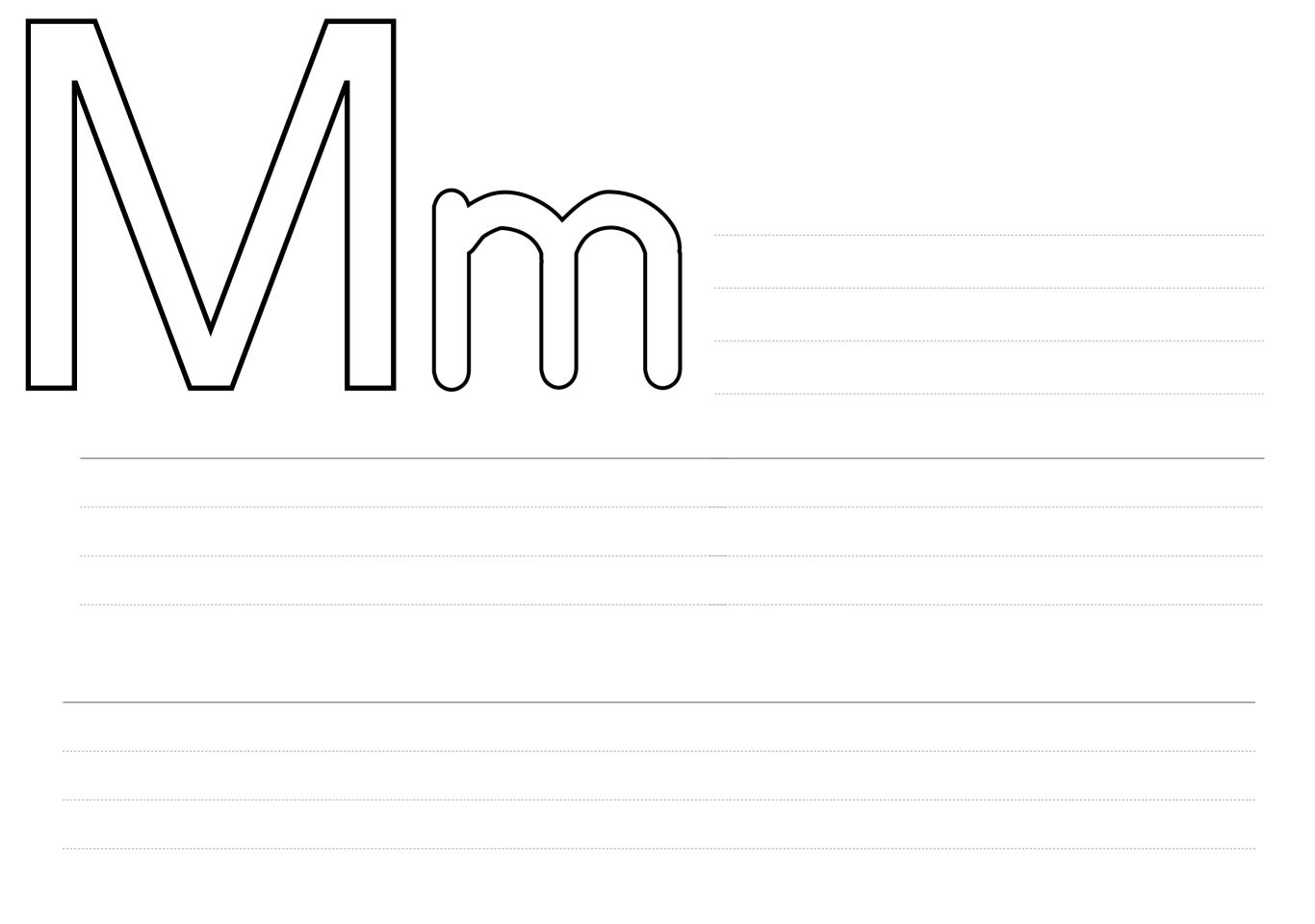
State Bird: Baltimore Oriole

State Flower: Black-Eyed

Susan



- Francis Scott Key wrote one of the United State's most infamous songs-The Star Spangled Banner. He created the lyrics for the song upon seeing the United State's Flag waving in the air at the end of the battle at Fort McHenry. Complete the American Flag activity on the following page to learn why the U.S. flag looks the way it does today.
- Complete the Star Spangled Banner copywork page and practice reading the song along with music.
- · Research Francis Scott Key and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



#### The American Flag

The American Flag has gone through many different changes over the years. The one we use today consists of 13 stripes to represent the original 13 colonies: 7 red stripes and 6 white stripes. The 50 white stars on the navy background square represent our 50 states. Color in the flag below the correct colors (the top and bottom stripes should be red.)

#### Star Spangled Banner Copywork

Oh, say can you see by the dawn's early light What so proudly we hailed at the twilight's last gleaming?

Whose broad stripes and bright stars through the perilous fight,

O'er the ramparts we watched were so gallantly streaming?

And the rocket's red glare, the bombs bursting in air, Gave proof through the night that our flag was still there.

Oh, say does that star-spangled banner yet wave O'er the land of the free and the home of the brave?

### Massachusetts

Statehood: February 6, 1788

Postal Code: MA

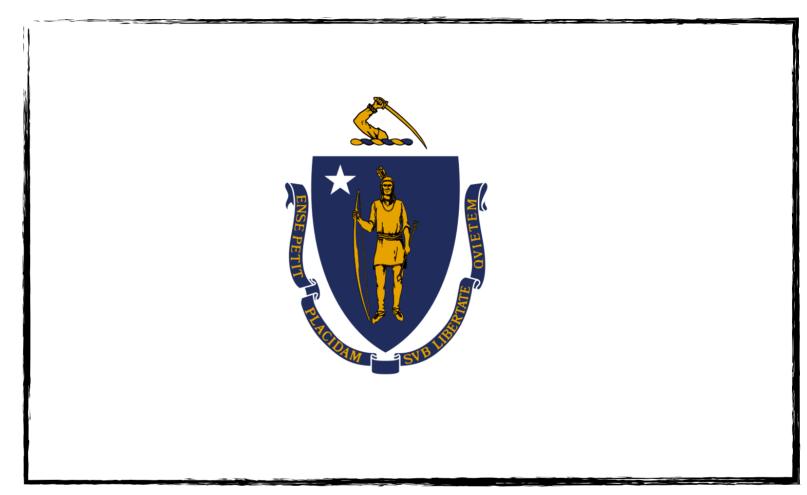
Nickname: The Bay State

Capital: Boston

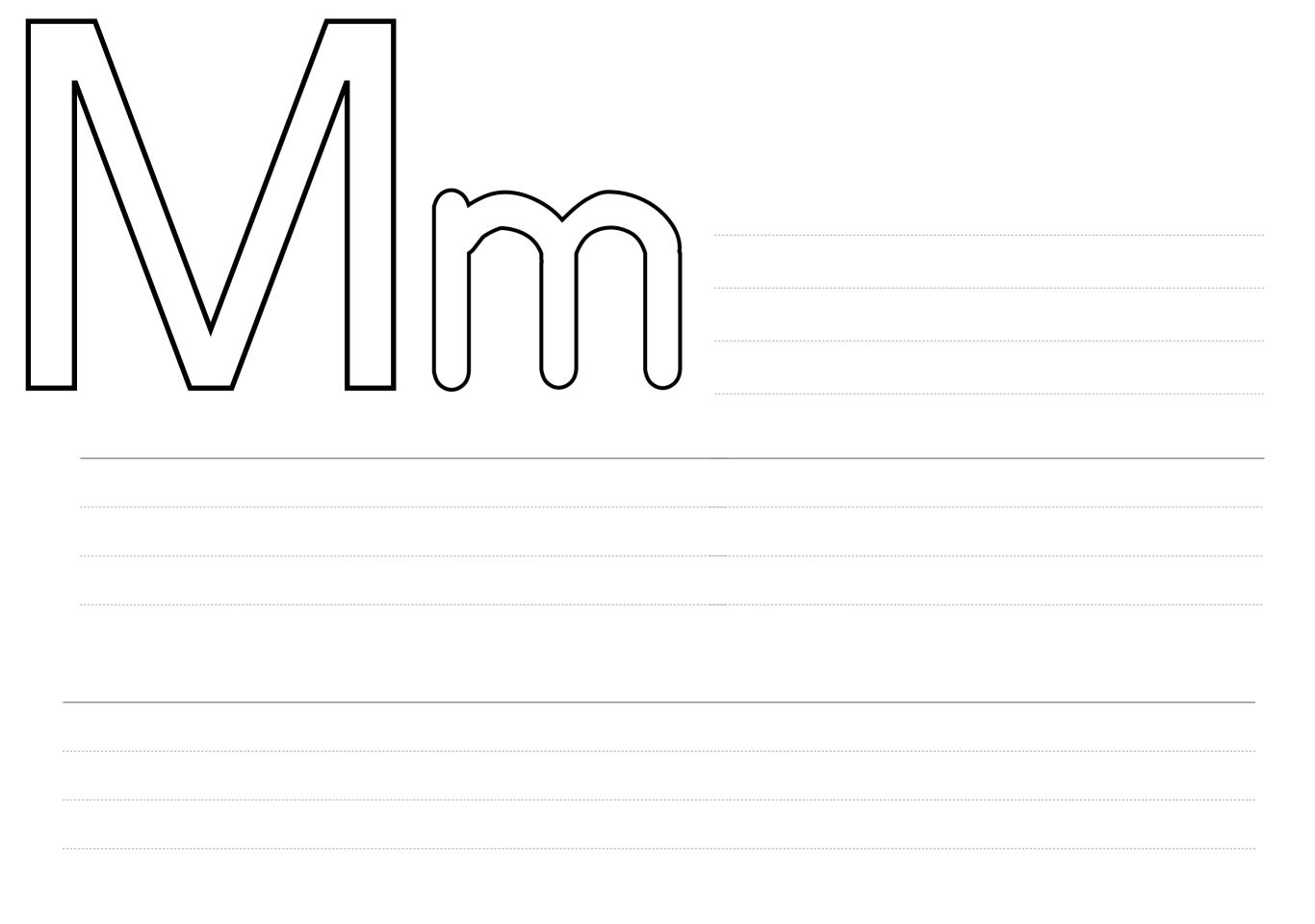
Location: Northeast (NE)

State Bird: Chickadee

State Flower: Mayflower

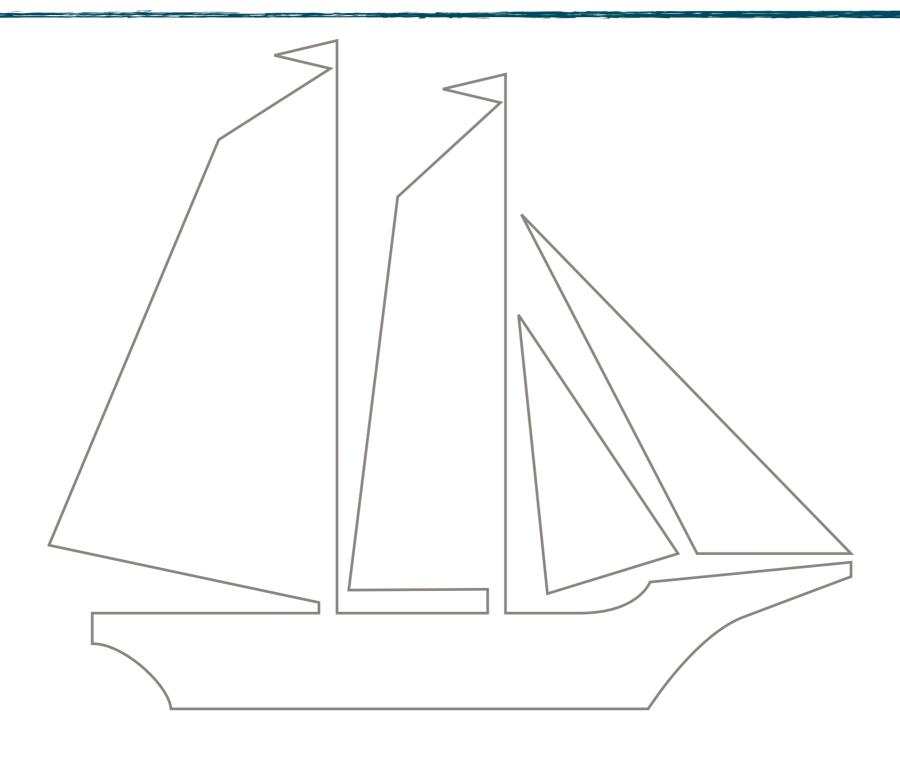


- Complete the Boston Tea Party Diorama to recreate the event that sparked the birth of the United States.
- Research John Adams and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



#### Boston Tea Party Diorama

Color and cut out the ship below. Grab an old cardboard box or shoe box to create your own diorama! Paint the sky black and glue your ship into the scene. Add any embellishments you'd like such as boxes of tea, flags, or stars in the sky!



# Michigan

Statehood: January 26, 1837

Postal Code: MI

Nickname: The Great Lakes

State

Capital: Lansing

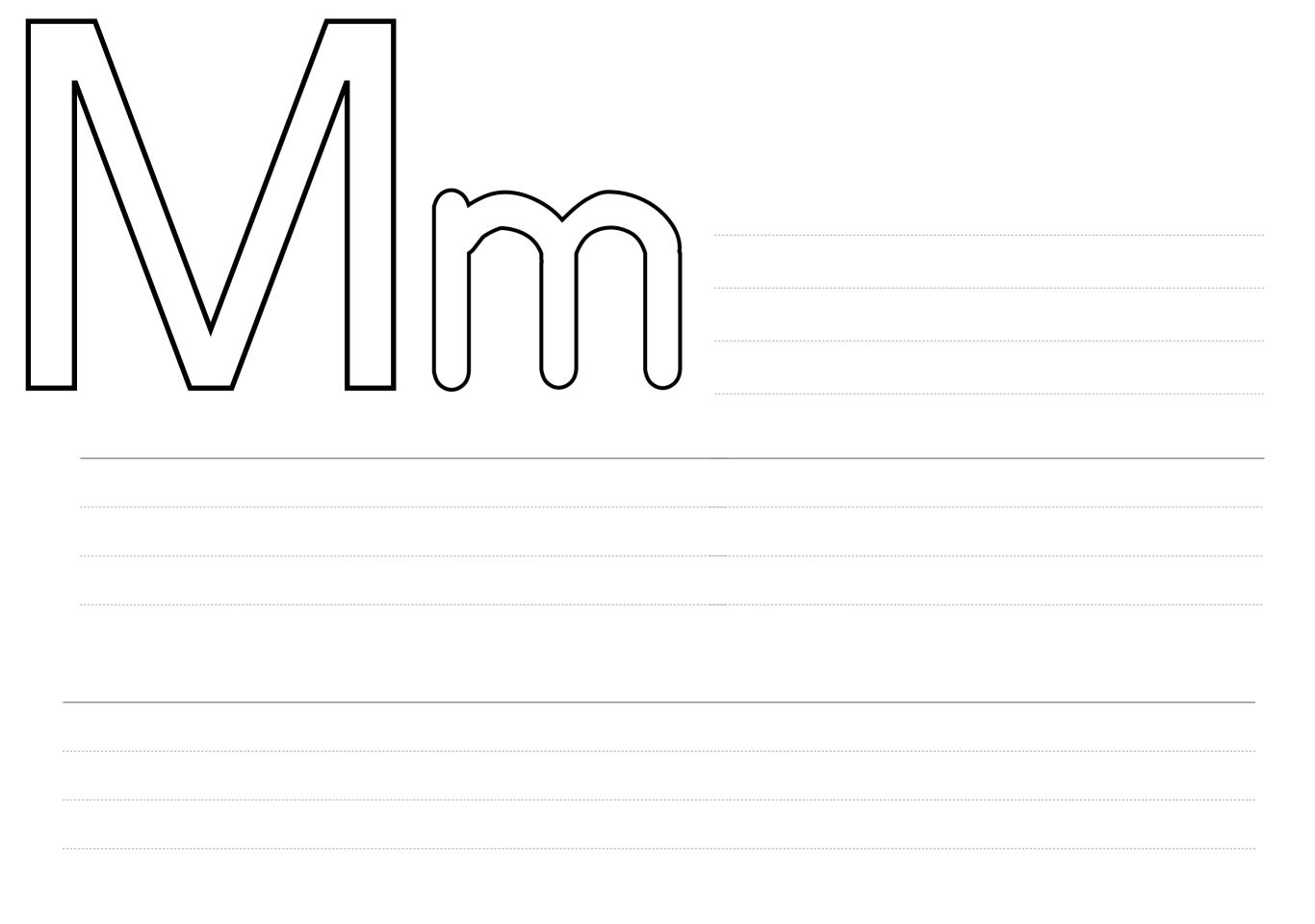
Location: North (N)

State Bird: Robin

State Flower: Apple Blossom

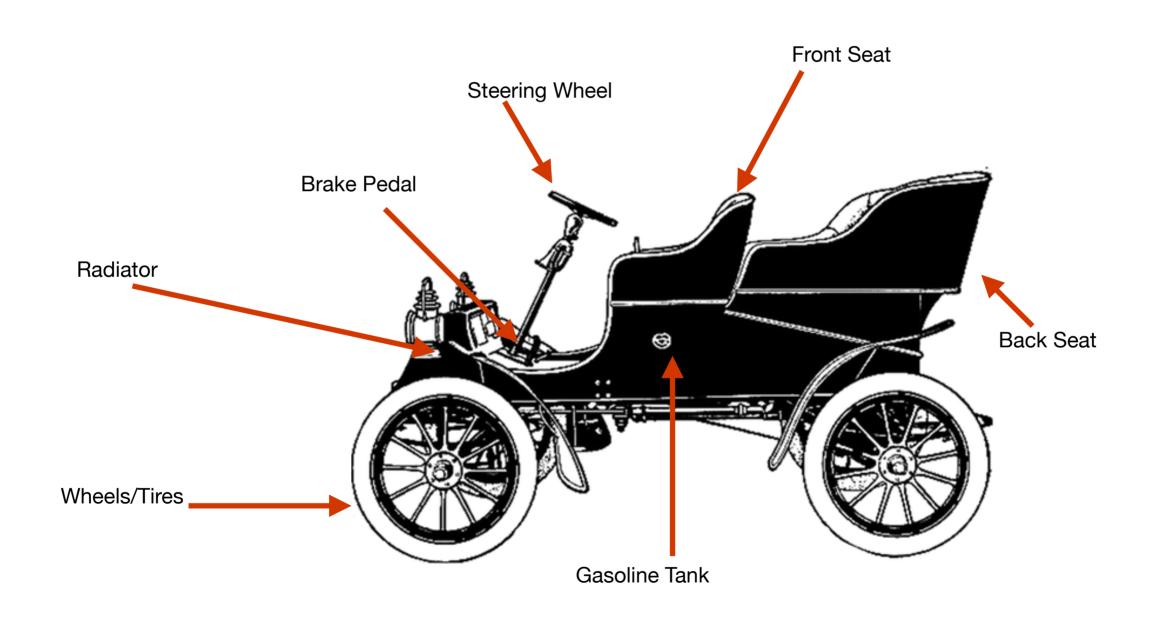


- Michigan is famous for their automotive industry. Complete the Model T Activity page to learn more about some of the very first cars.
- Research Henry Ford and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



#### Model T

The Model T was created by Ford Motor Company in 1908. This vehicle greatly changed the way Americans traveled. It doesn't look anything like the cars we use today, but it was the foundation for Americans having a car in almost every home.



## Minnesota

Statehood: May 11, 1858

Postal Code: MN

Nickname: The North Star

State

Capital: St. Paul

Location: North (N)

State Bird: Common Loon

State Flower: Pink & White

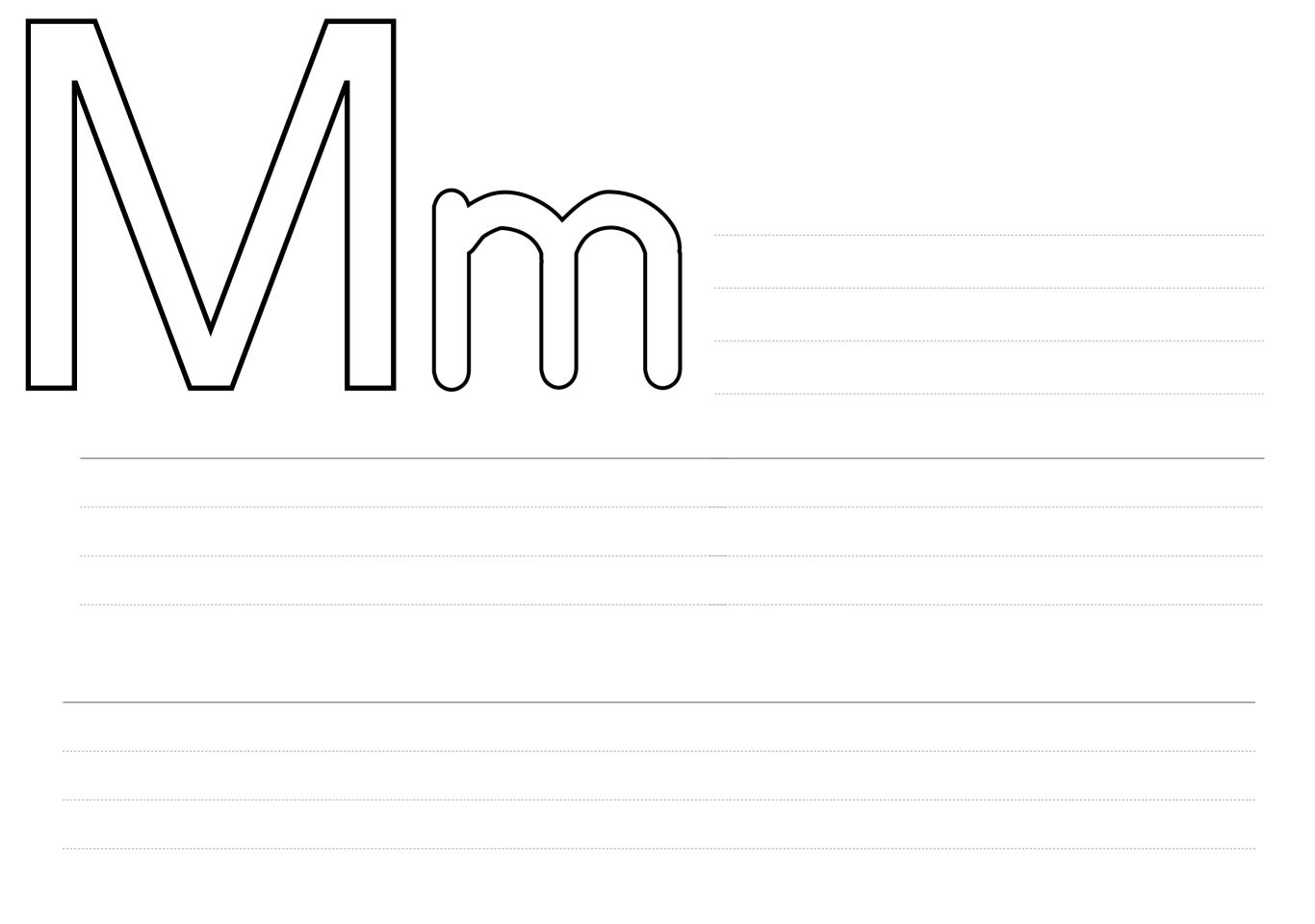
Lady's Slipper



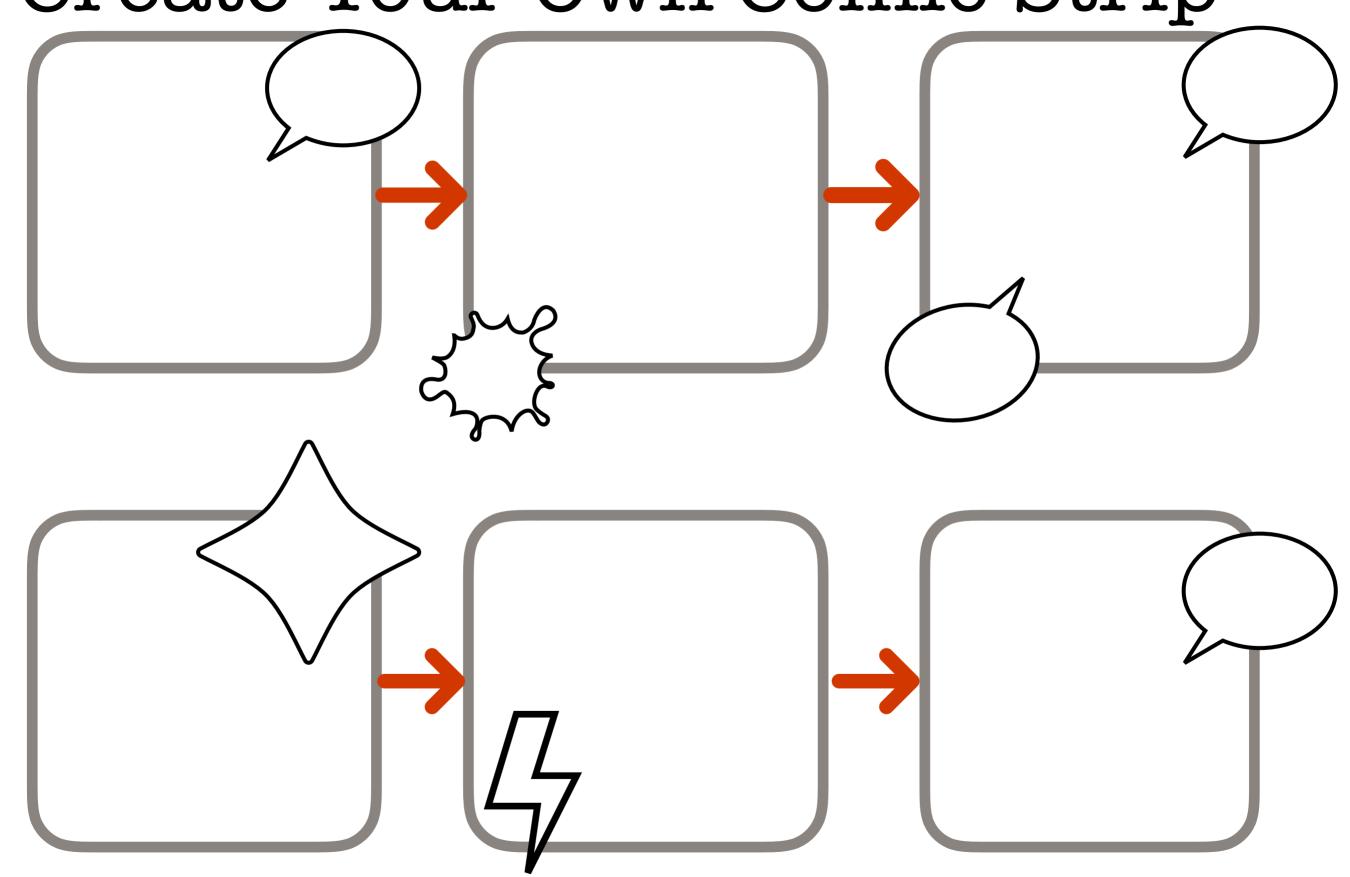
Complete the Create Your Own Comic Strip activity page.

Research Charles Schulz and complete the Person Of Interest worksheet.

Complete the Reading Log activity page.



### Create Your Own Comic Strip



# Mississippi

Statehood: December 10,

1817

Postal Code: MS

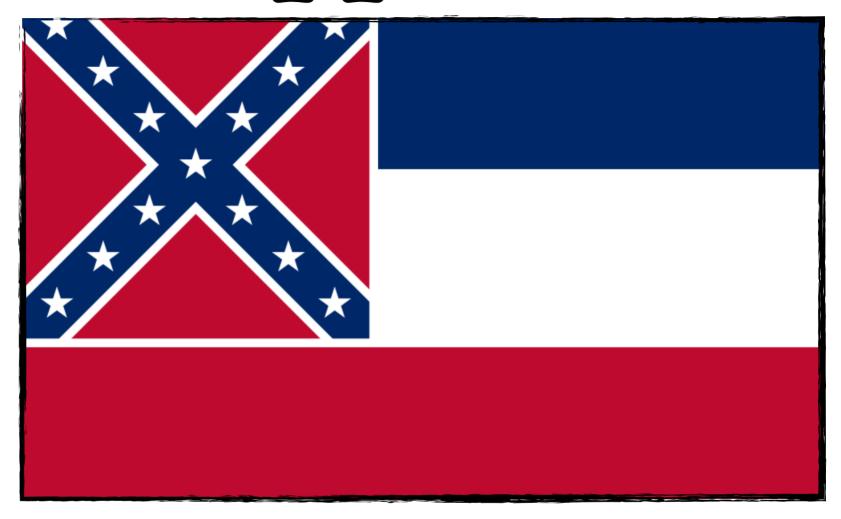
Nickname: The Magnolia State

Capital: Jackson

Location: South (S)

State Bird: Mockingbird

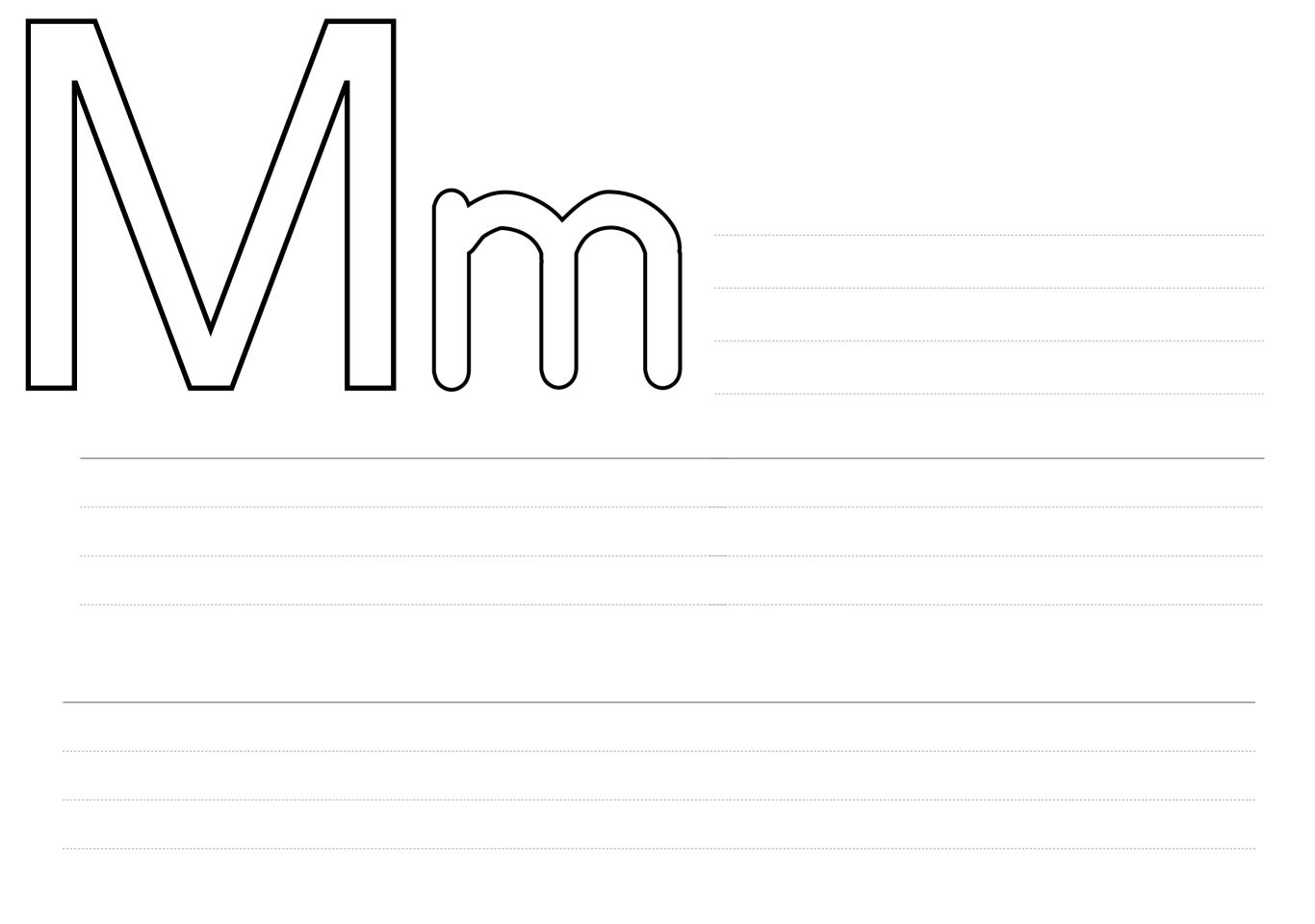
State Flower: Magnolia



Complete the Anatomy Of A Flower activity page to learn more about the parts of a flower.

Research Elvis Presley and complete the Person Of Interest worksheet.

Complete the Reading Log activity page.

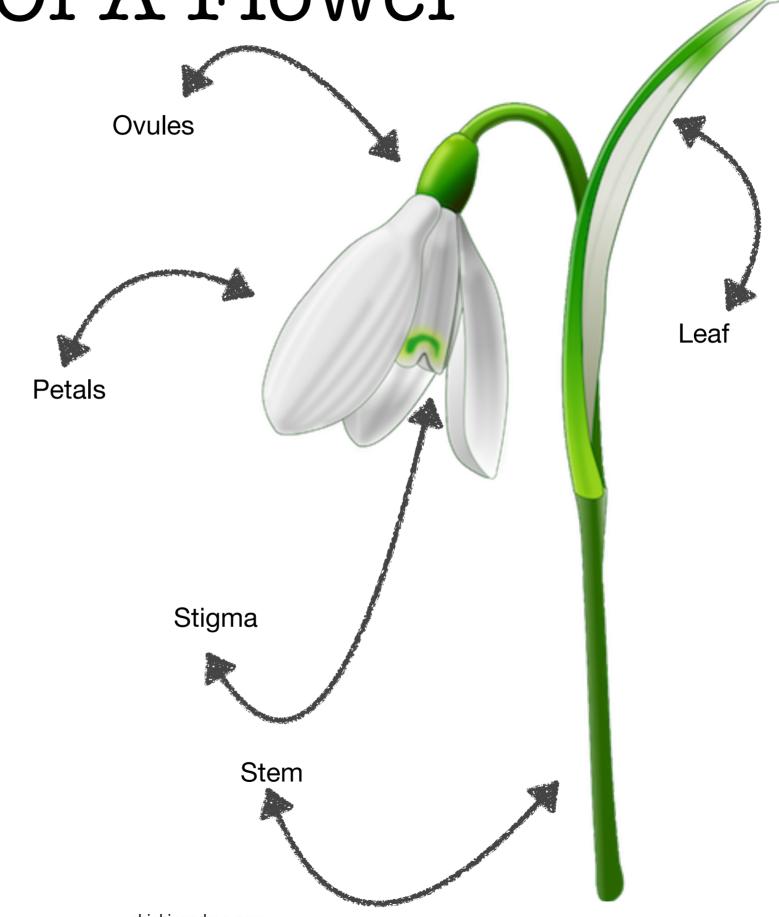


### Anatomy Of A Flower

#### Scavenger Hunt:

Go outside on a nature walk and collect some flowers you find. Bring them inside and, with an adults help, complete a flower dissection! Carefully cut apart the pieces of the flower to have a closer look.

You can also save some flowers and press them to flatten them. These are lovely displays inside of picture frames or hanging in your window between contact paper.



### Missouri

Statehood: August 10, 1821

Postal Code: MO

Nickname: The Show Me State

Capital: Jefferson City

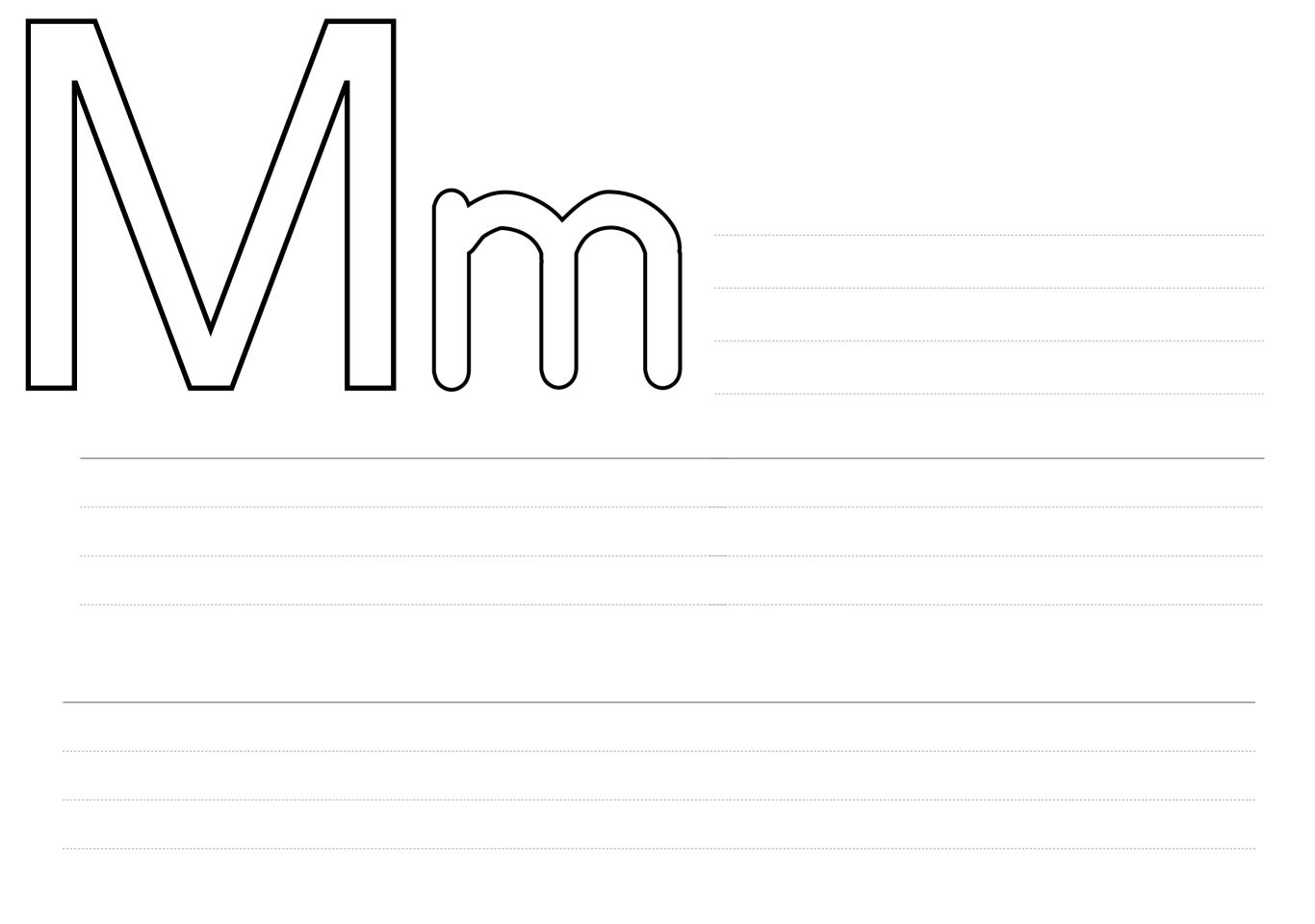
Location: Central U.S.

State Bird: Bluebird

State Flower: Hawthorn



- The Gateway Arch is a famous landmark of Missouri. Complete the Gateway Arch Experiment to build your own structure!.
- Research Jesse James and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Gateway Arch Experiment

#### **Materials:**

- Sugar cubes
- · Liquid glue

#### **Instructions:**

Can you build a Gateway Arch with the materials provided?

Use your sugar cubes to stack your creation tall! Use the liquid glue to hold the sugar cubes in place and make your structure strong.

#### Reflect:

- Were you able to build an arch shape?
- Were the materials strong enough to construct your arch?
- Which materials would be stronger or more flexible to build your structure?
- Try the experiment again with different household items to see if you get the same results.

### Montana

Statehood: November 8, 1889

Postal Code: MT

Nickname: The Treasure State

Capital: Helena

Location: North (N)

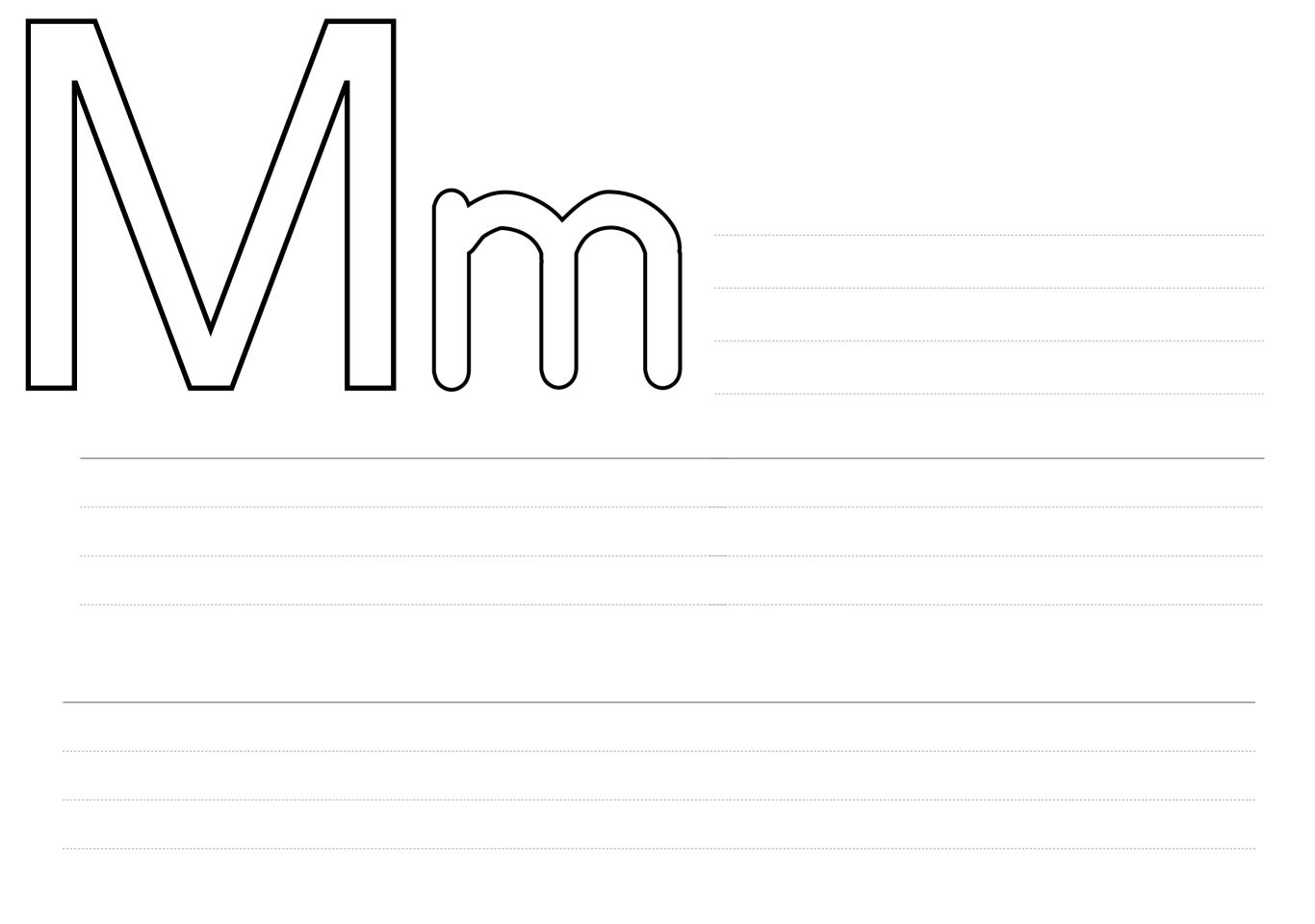
State Bird: Western

Meadowlark

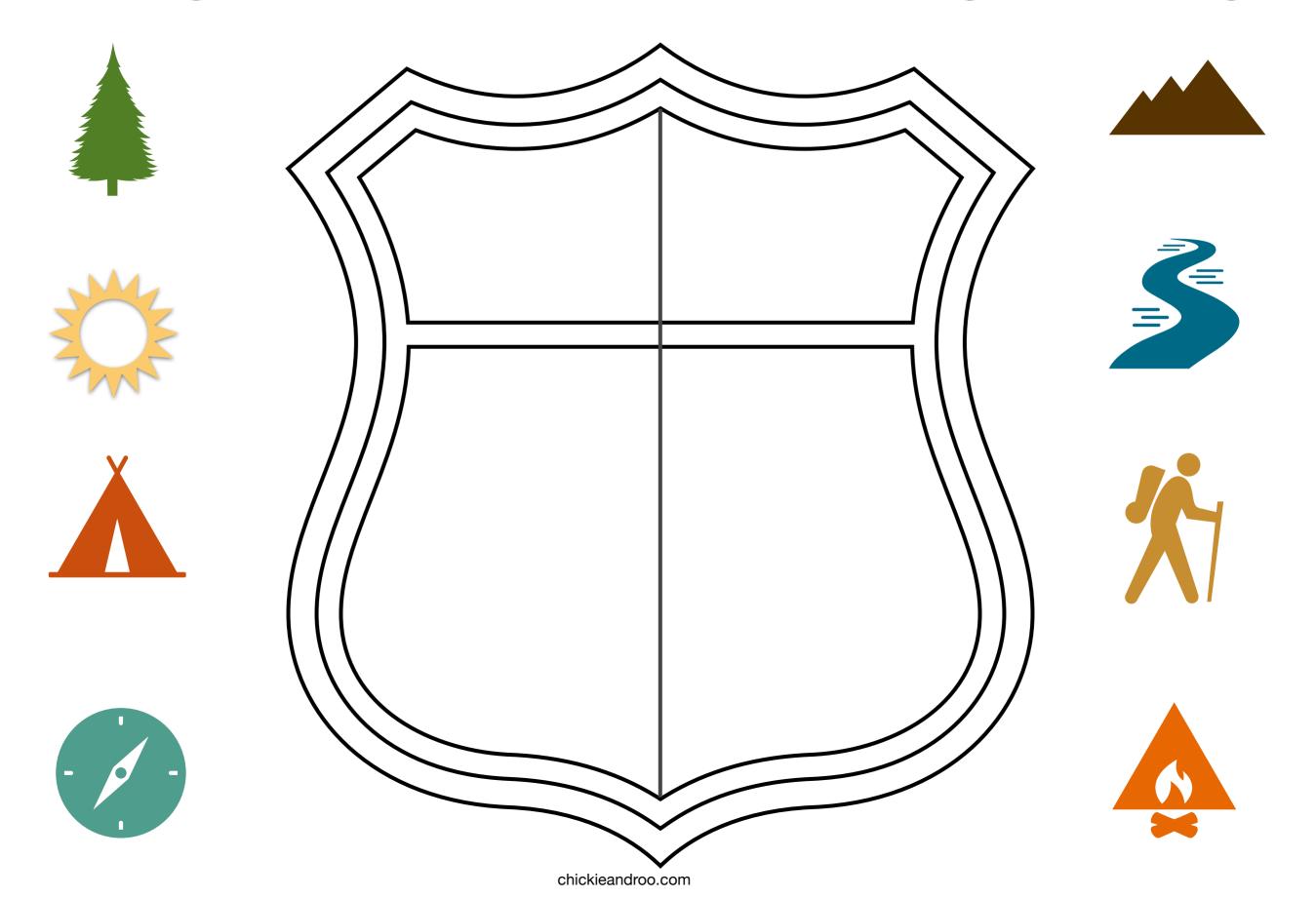
State Flower: Bitterroot



- Montana is known for its' vast National Parks. Complete the Design Your Own Park Ranger Badge activity page by cutting and pasting the symbols and drawing a few of your own!
- Research Meriweather Lewis and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



#### Design Your Own Park Ranger Badge



### Nebraska

Statehood: March 1, 1867

Postal Code: NE

Nickname: The Cornhusker

State

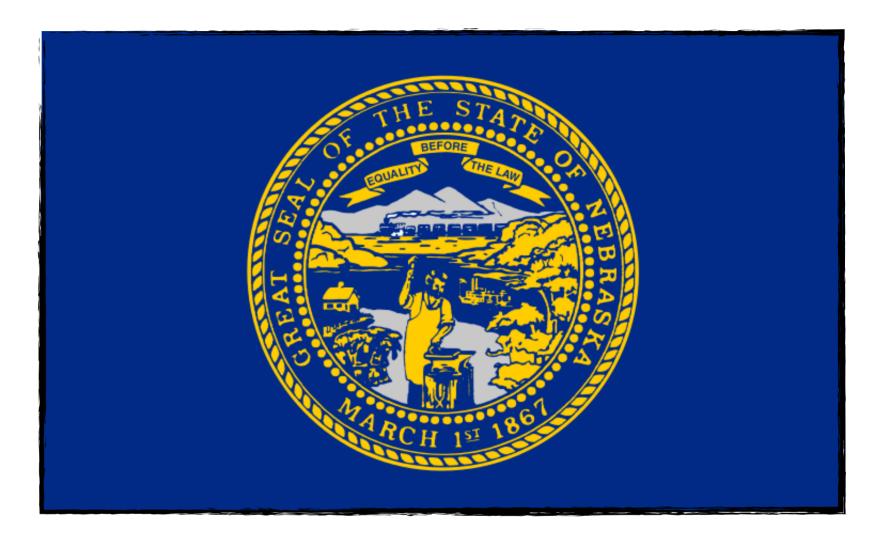
Capital: Lincoln

Location: Central U.S.

State Bird: Western

Meadowlark

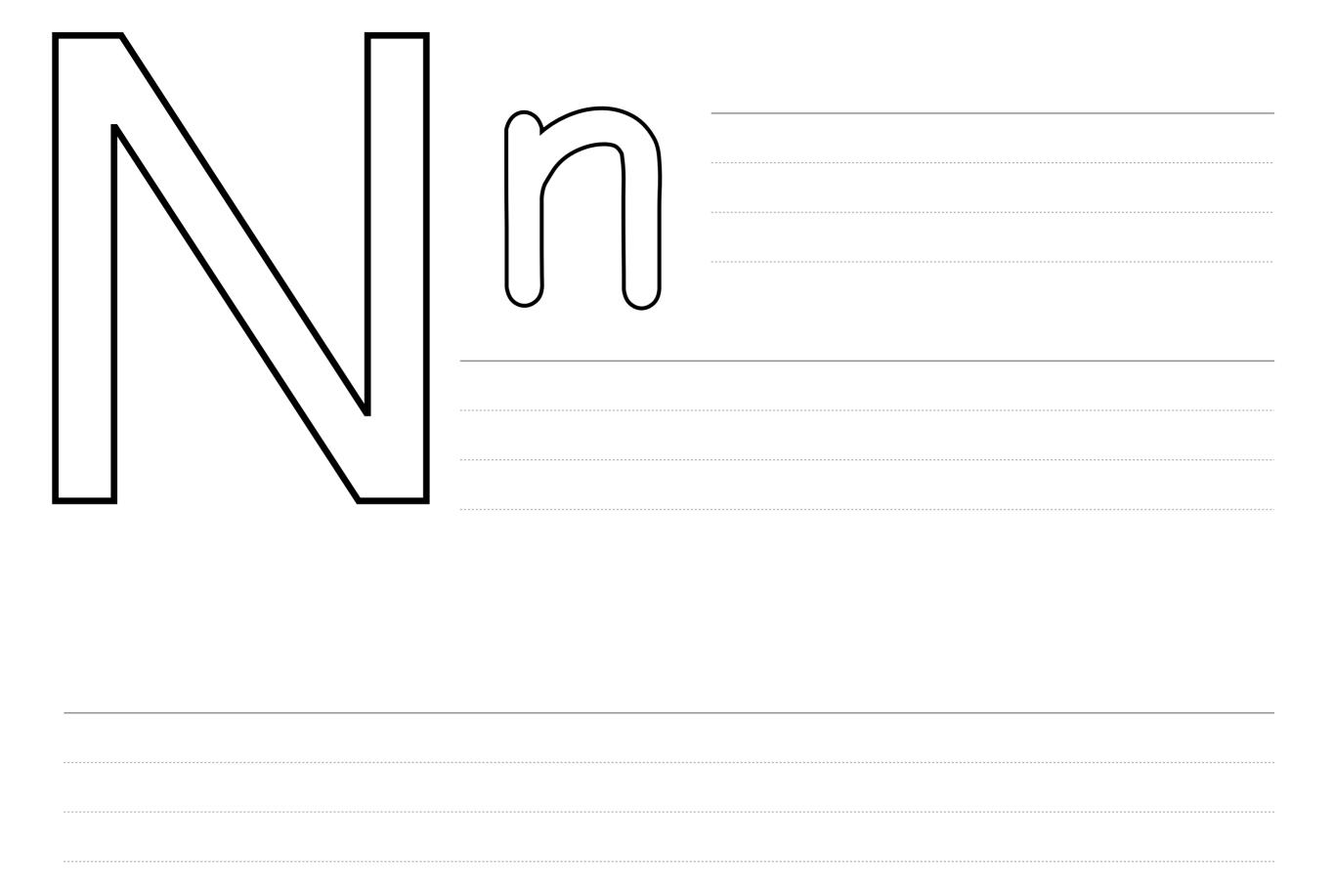
State Flower: Goldenrod



Nebraska has the largest hand-planted forest in America. Complete the Planting A Seed activity to grow your own plants from seeds!

Research Fred Astaire and complete the Person Of Interest worksheet.

Complete the Reading Log activity page.

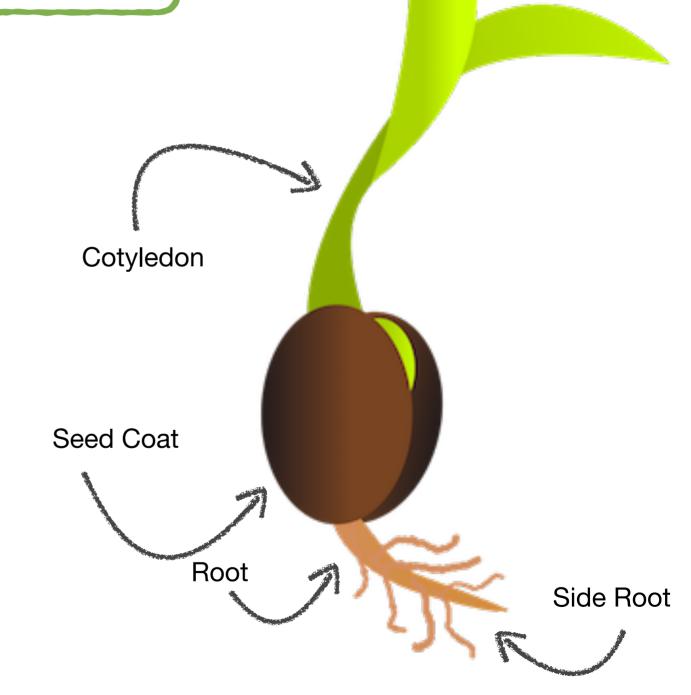


#### Planting A Seed

Nebraska has the largest hand-planted forest in America. The Nebraska National Forest covers 141,159 acres of land! Study the diagram to the right to learn about germinating seeds and then grow your own to plant!

#### **Germinating Seeds**

- 1. Fill an empty egg carton with potting soil and spritz with water.
- 2. Place seeds in the soil.
- 3. Make a chart so you know what seeds are planted in each section.
- 4. Place the seeds in a sunny place (not direct sunlight) and keep the soil moist (not too wet).
- 5. Write down how many days it takes for each seed to germinate and pop through the soil.



### Nevada

Statehood: October 31, 1864

Postal Code: NV

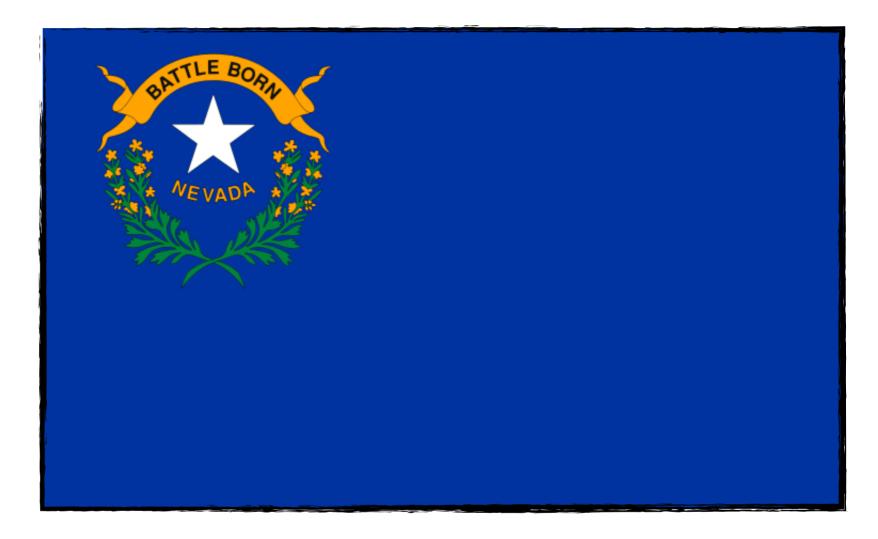
Nickname: The Silver State

Capital: Carson City

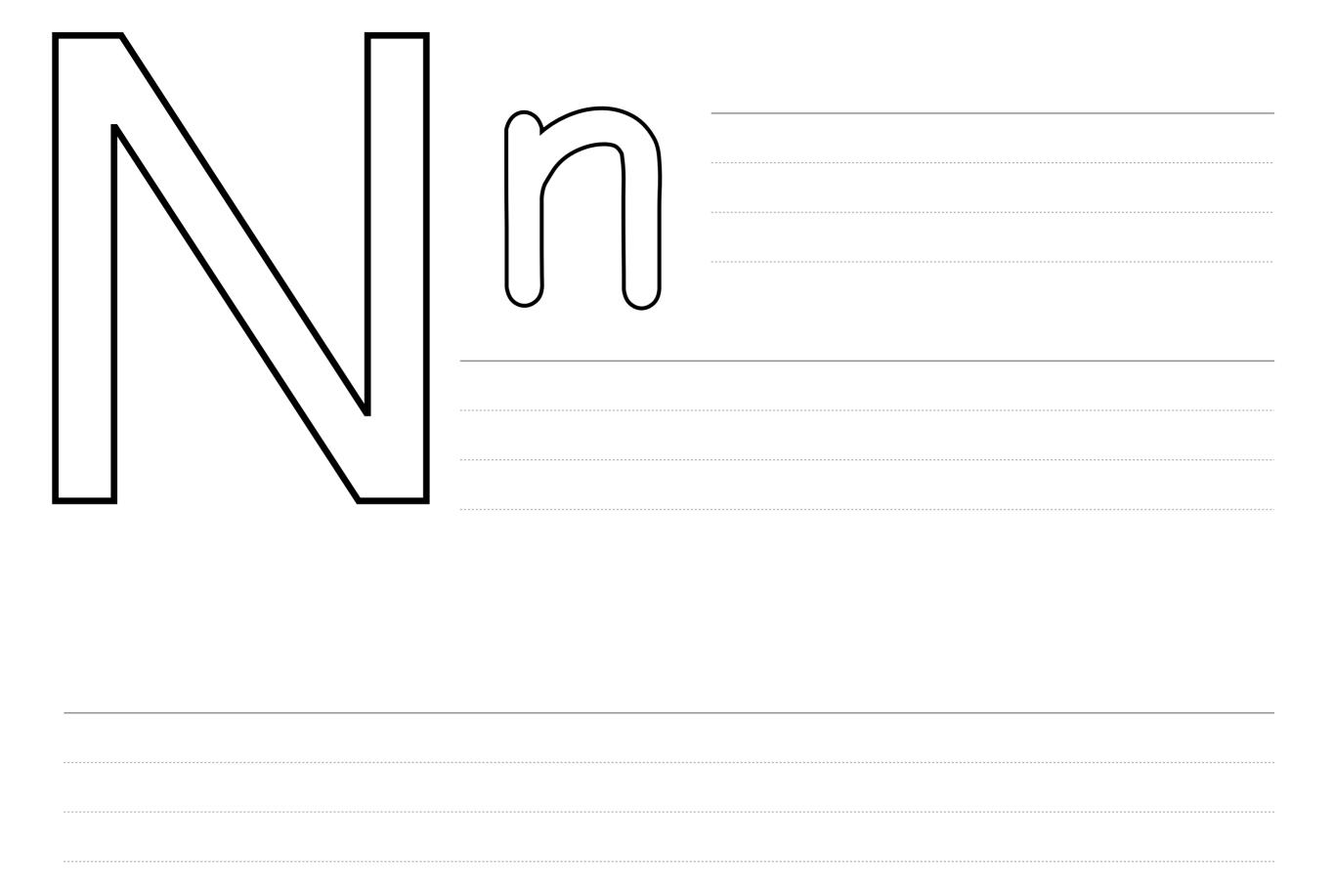
Location: West (W)

State Bird: Mountain Bluebird

State Flower: Sagebrush



- When Nevada was the territory of tribes of Native Americans, there were many teepees and wigwams to be found. Complete the Build Your Own Salt Dough Teepee activity to create your own primitive shelter!
- Research Sarah Hopkins Winnemucca and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



#### Build Your Own Salt Dough TeePee

#### Salt Dough Materials:

- · 2 cups flour
- 1/2 cup water
- 1/4 cup salt

#### Salt Dough<br/>Instructions:

- 1. Mix flour and salt in a bowl
- 2. Slowly add water until combined, then knead with your hands until the dough is well mixed. (If the dough is too sticky, add more flour, if the dough is cracking, add more water.)

#### Salt Dough TeePee:

\*\*You will also need toothpicks or sticks from outside to construct your teepee.

Form small balls of the salt dough. Use your sticks or toothpicks to build your structure, connecting the angles using the salt dough balls.

How tall of a teepee can you build? Does it stand up on it's own? How could you make it stronger?



# New Hampshire

Statehood: June 21, 1788

Postal Code: NH

Nickname: The Granite State

Capital: Concord

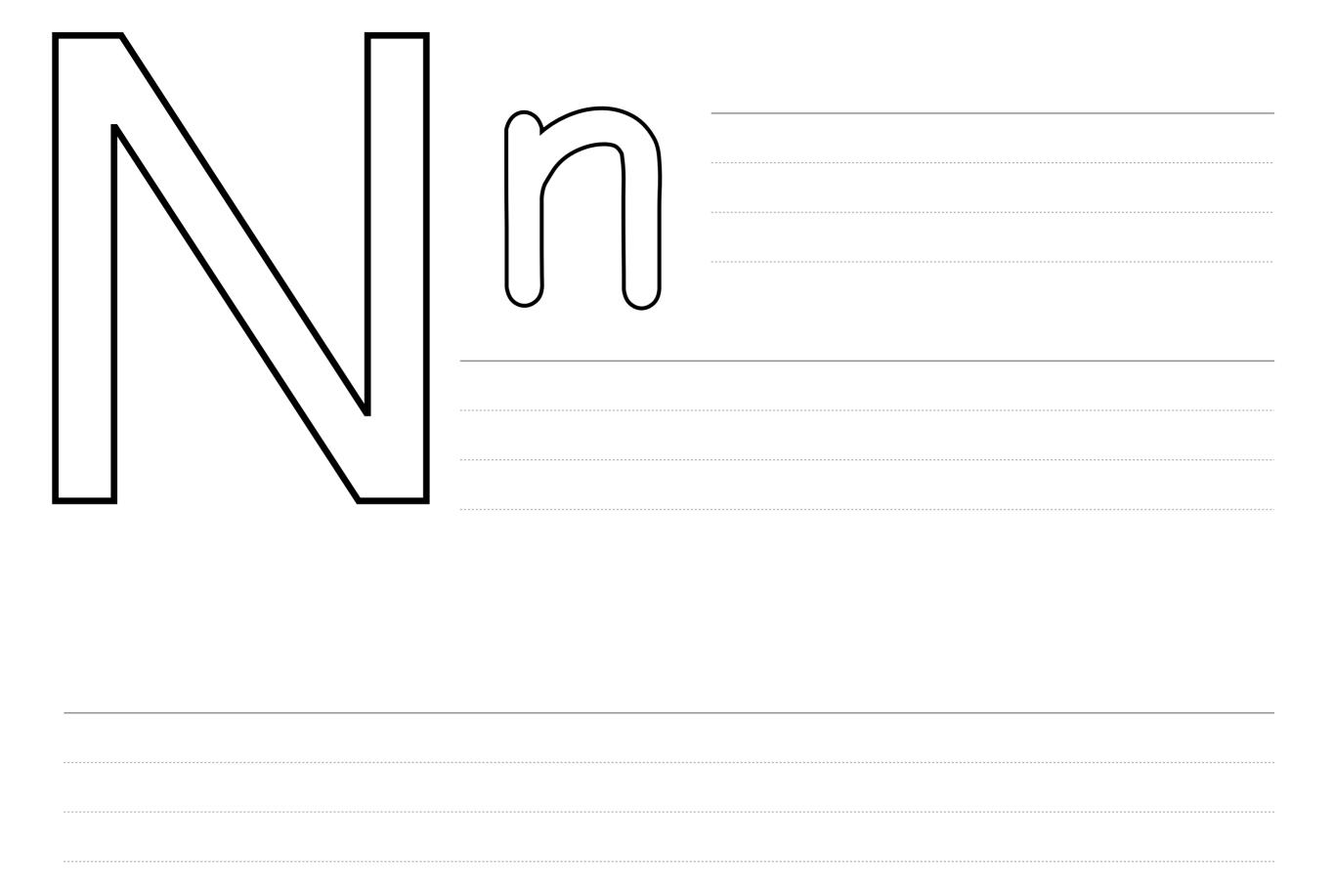
Location: Northeast (NE)

State Bird: Purple Finch

State Flower: Purple Lilac



- Complete the Rock Collection activity page to create your own Rock Collection Journal.
- Research Sarah Josepha Hale and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



#### Start A Rock Collection

New Hampshire is nicknamed The Granite State. Learn more about rocks by starting your own collection!

#### Build your own rock box!

Find a wooden or cardboard box.

Decorate it however you'd like and label it "Rock Box"

Create a kit by adding:

- A spray bottle with water
- A cloth
- A magnifying glass
- Small instruments like toothpicks, a small brush or paintbrush, and a scraper.
- Small strainer or colander

#### **Collect And Observe!**

Go outside and collect some rocks for your rock box! Use your colander and spray bottle to wash away any extra dirt. Use your cloth or dry paintbrush to wipe your rocks clean. Test the hardness of the rock using your toothpicks and scraper. You may also scrape your rock against pieces of paper or other rocks to test their hardness and color. Observe the details of your rock using your magnifying glass.

Start your own Rock Observation Journal by drawing and coloring a picture of each rock you find! Add the date and location So you know when and where you found it! Use the template on the following page to start your journal!



### Rock Collection Journal

My Drawing Of My Rock **Date** Location Color Size Hardness

# New Jersey

Statehood: December 18,

1787

Postal Code: NJ

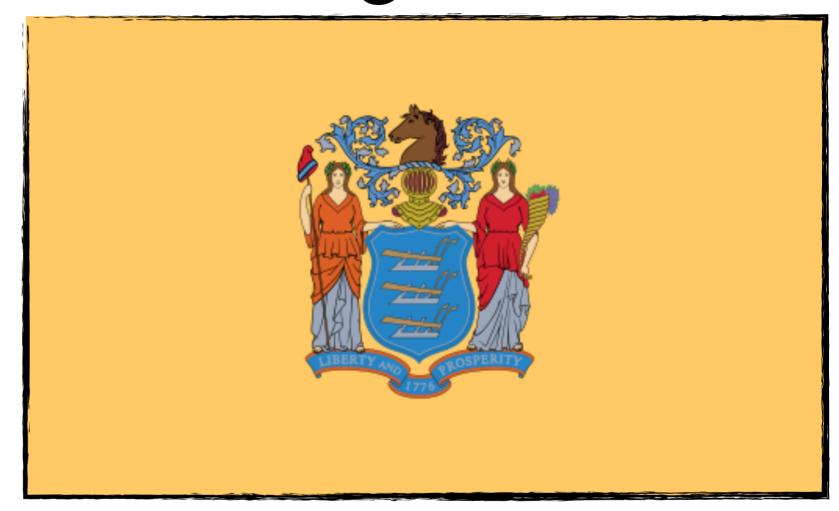
Nickname: The Garden State

Capital: Trenton

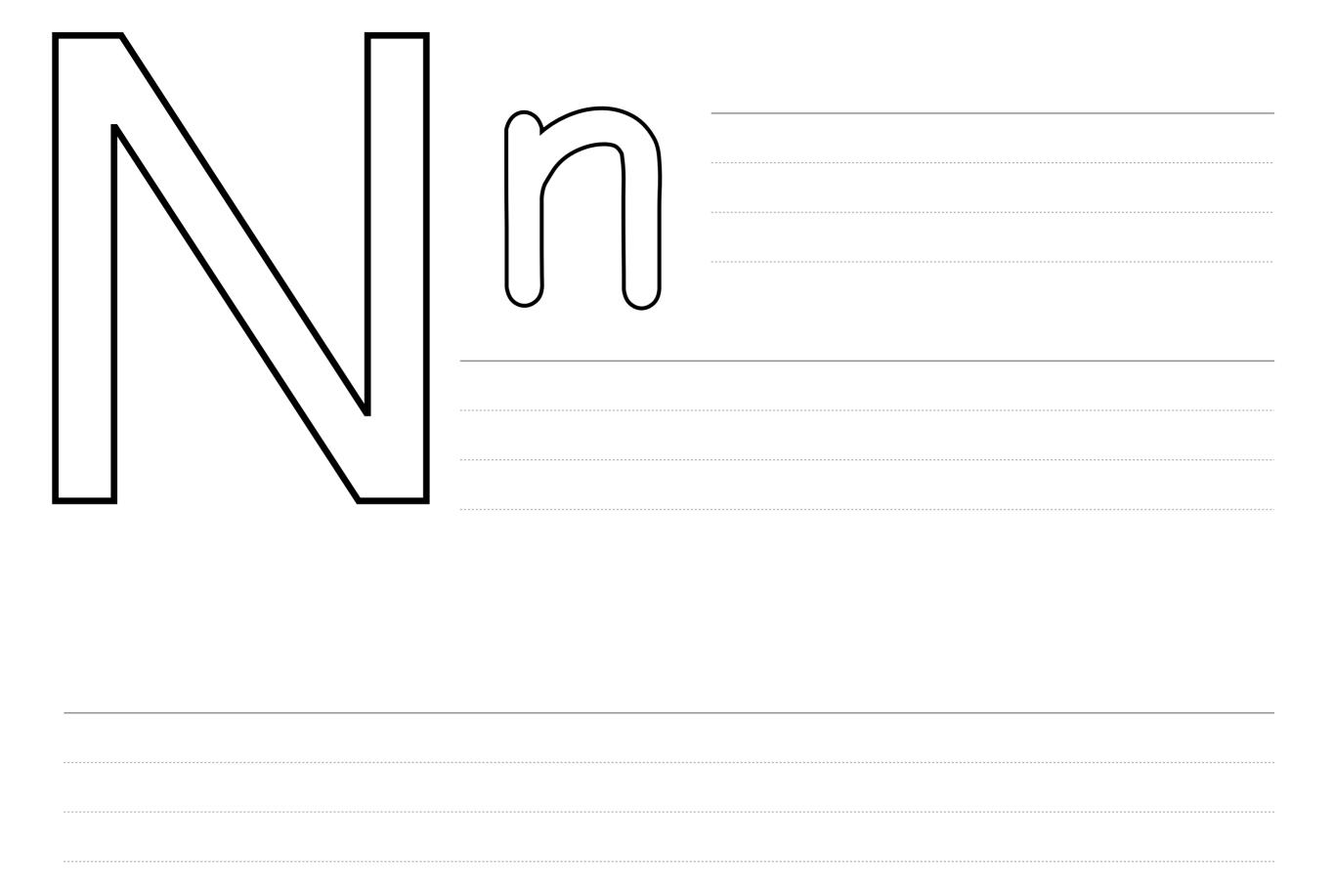
Location: Northeast (NE)

State Bird: Goldfinch

State Flower: Purple Violet



- Complete the Make Your Own Moon Craters activity to recreate how craters are made.
- Research Edwin "Buzz" Aldrin and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Make Your Own Moon Craters

#### **Materials:**

- Flour
- Tray or deep baking dish
- Measuring tape or ruler
- Balls in multiple sizes or weight

#### **Instructions:**

- 1. Bring your materials outside
- 2. Have an adult help you pour a large amount of flour into your tray or baking dish
- 3. Hold one of your balls above the tray and let go.
- 4. Measure the width of your 'crater' with your measuring tape or ruler
- Repeat experiment dropping your ball from a different height or using a different sized ball.

#### Reflect:

What happens to the flour when you let go of the ball? Which ball created the largest and smallest craters? What happens when you drop the ball from a higher distance? How can you make an even larger crater?



## New Mexico

Statehood: January 6, 1912

Postal Code: NM

Nickname: The Land Of

Enchantment

Capital: Santa Fe

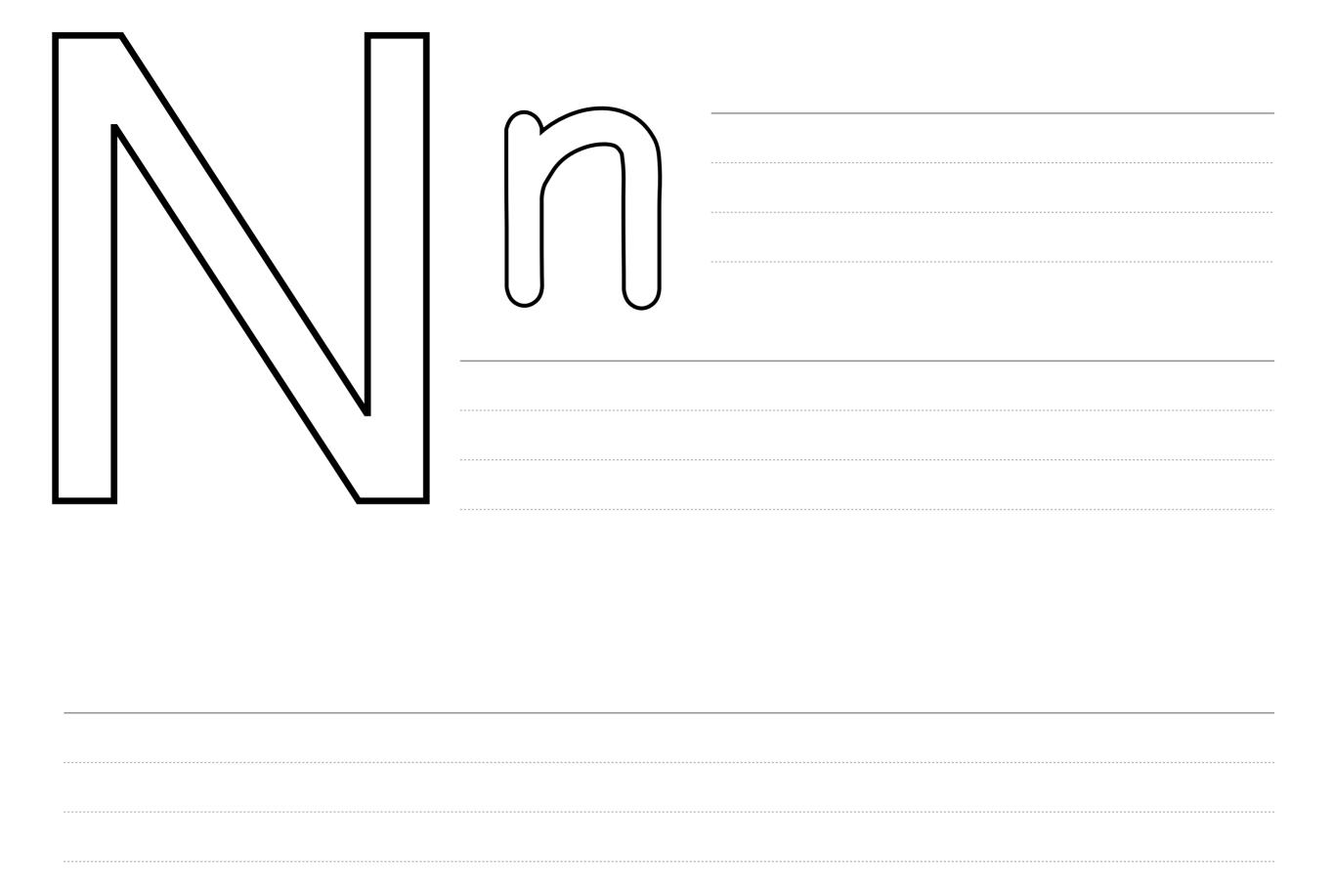
Location: Southwest (SW)

State Bird: Roadrunner

State Flower: Yucca



- Complete the Flower Observation activity to create your own flower art.
- Research Georgia O'Keeffe and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Flower Observation

Georgia O'Keefe was famous for her highly detailed paints of flowers. What made her artwork special is she didn't paint flowers as everyone else saw them. She painted tiny sections of a flower magnified, so that the viewer could see new colors and movement within the flower that is very hard to notice from afar.

Go outside or find a photograph of a flower in a magazine. Observe the flower in it's entirety, and then find the small section you'd like to focus on. Draw all the details that you see from the small section and use watercolor paints to add natural color.



### New York

Statehood: July 26, 1788

Postal Code: NY

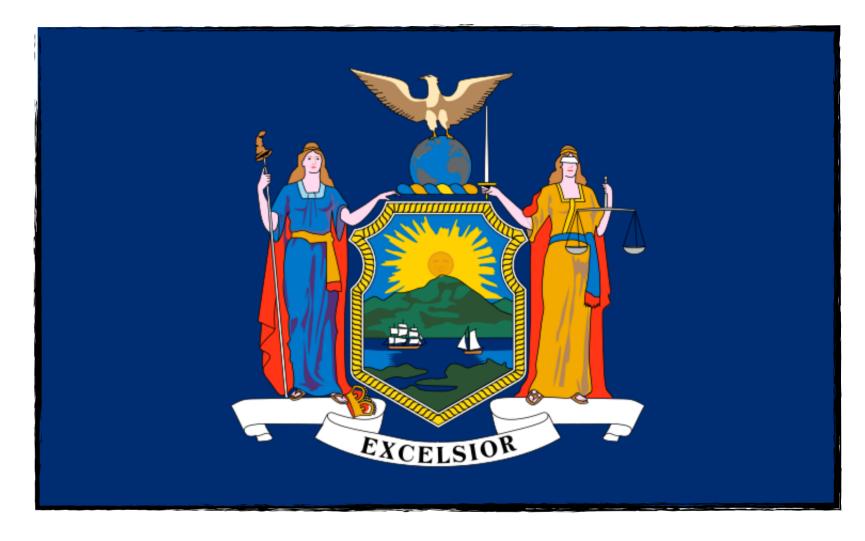
Nickname: The Empire State

Capital: Albany

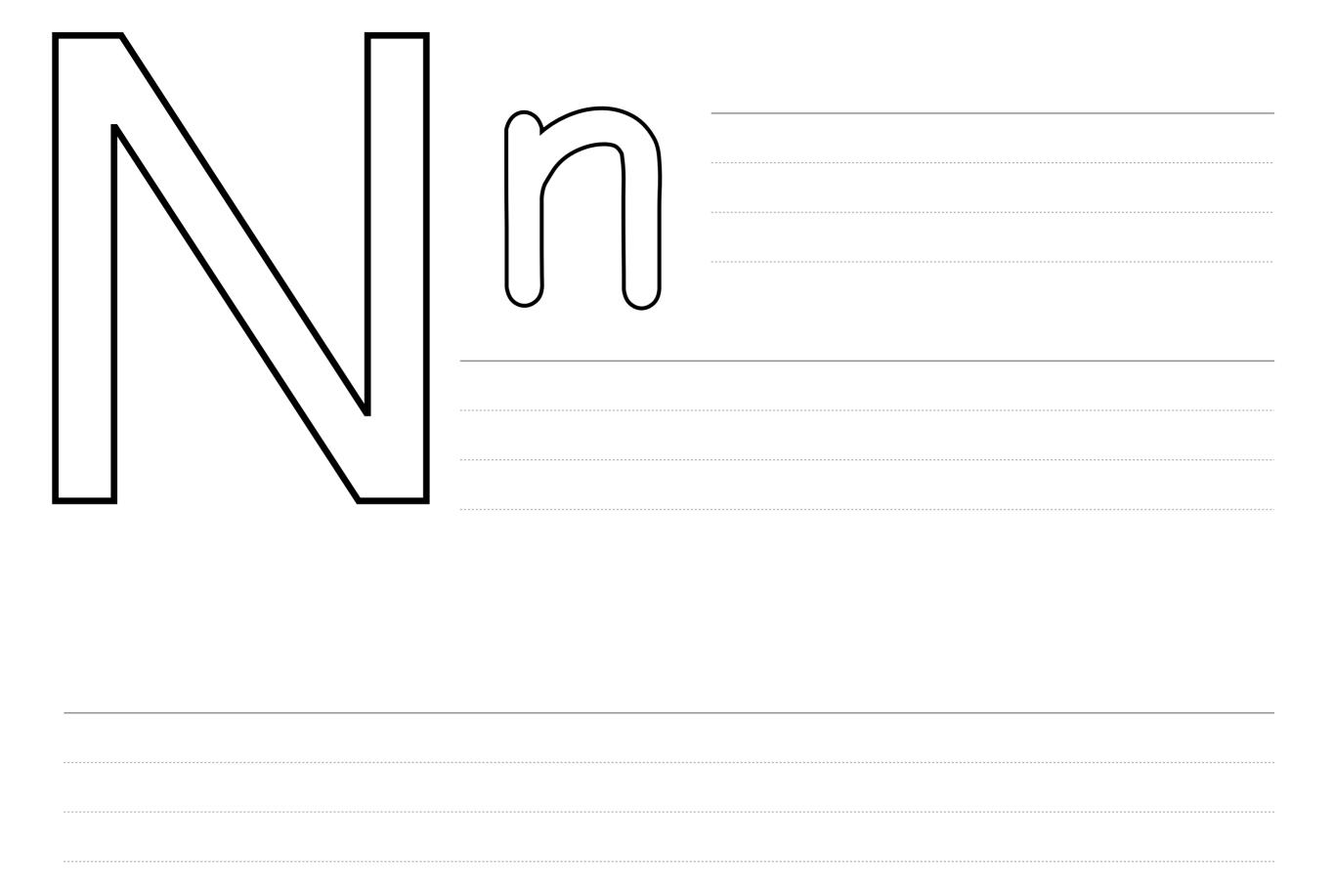
Location: Northeast (NE)

State Bird: Bluebird

State Flower: Rose



- The Statue Of Liberty is located in New York and is a symbol of our nation. Using the salt dough recipe mixed with a little green food coloring, create your own Statue Of Liberty art!
- Research Theodore Roosevelt and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Statue Of Liberty

### Salt Dough Materials:

- 2 cups flour
- 1/2 cup water
- 1/4 cup salt

#### Salt Dough Instructions:

- 1. Mix flour and salt in a bowl
- Slowly add water until combined, then knead with your hands until the dough is well mixed. (If the dough is too sticky, add more flour, if the dough is cracking, add more water.)

#### **Mount Rushmore Instructions:**

Once you have made your salt dough, pull off a chunk and roll into a ball. Use your fingers or any safe kitchen implements to begin forming the Statue Of Liberty Landmark.

#### Reflect:

- Who gave the United States this statue as a gift?
- What is nickname of the female?
- What is she a symbol for?



## North Carolina

Statehood: November 21,

1789

Postal Code: NC

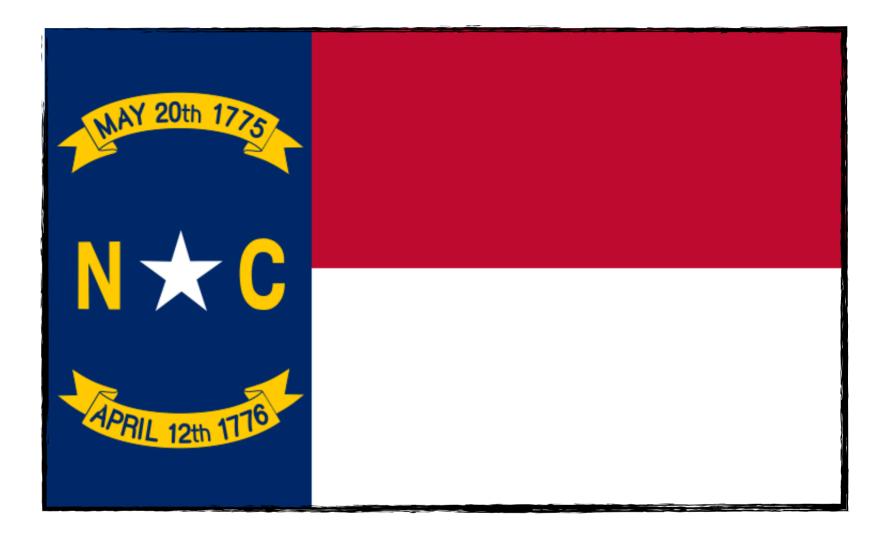
Nickname: The Tar Heel State

Capital: Raleigh

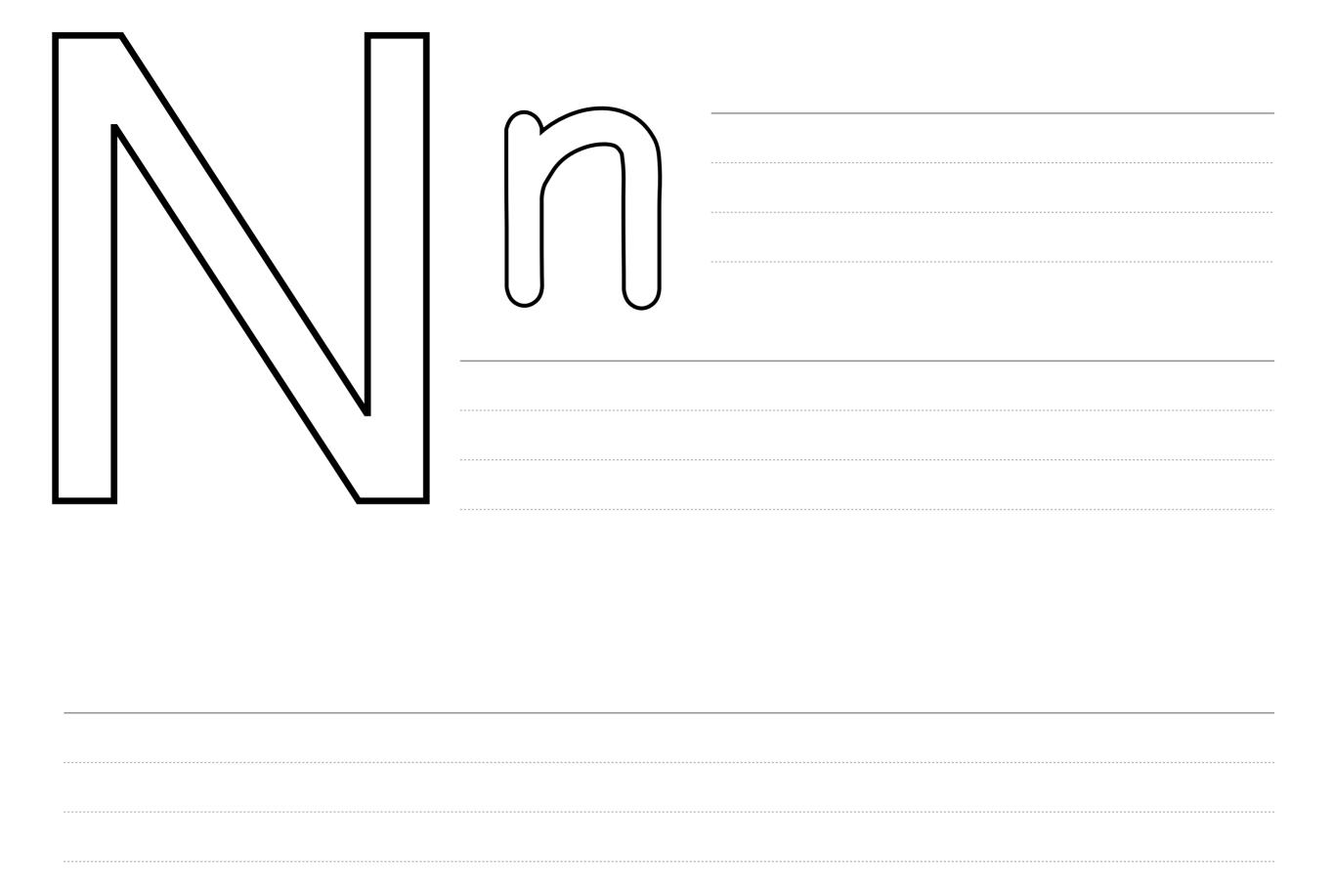
Location: East (E)

State Bird: Cardinal

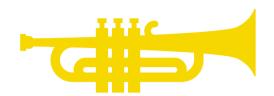
State Flower: Dogwood



- North Carolina is home to many amazing musicians. Complete the Instrument Match Up activity sheet to identify the instruments. Then, take turns listening to each instrument to identify the sounds they create!
- Research John Coltrane and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Instrument Match-Up









Piano

Violin

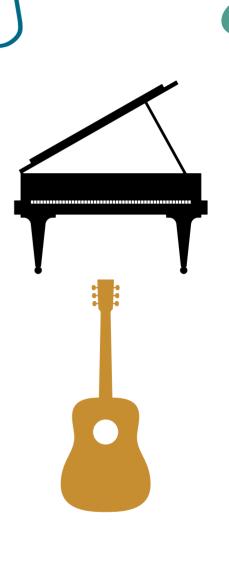
Grumpet

Drumset

Saxophone

Guitar

Keyboard



### North Dakota

Statehood: November 2, 1889

Postal Code: ND

Nickname: The Peace Garden

State

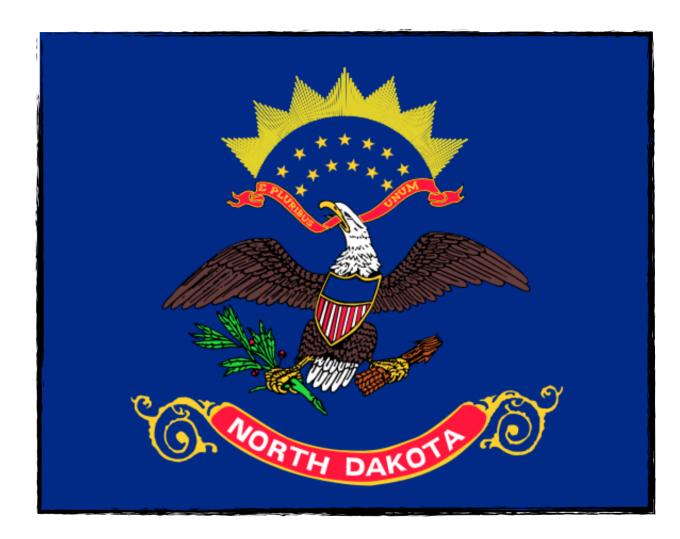
Capital: Bismark

Location: North (N)

State Bird: Western

Meadowlark

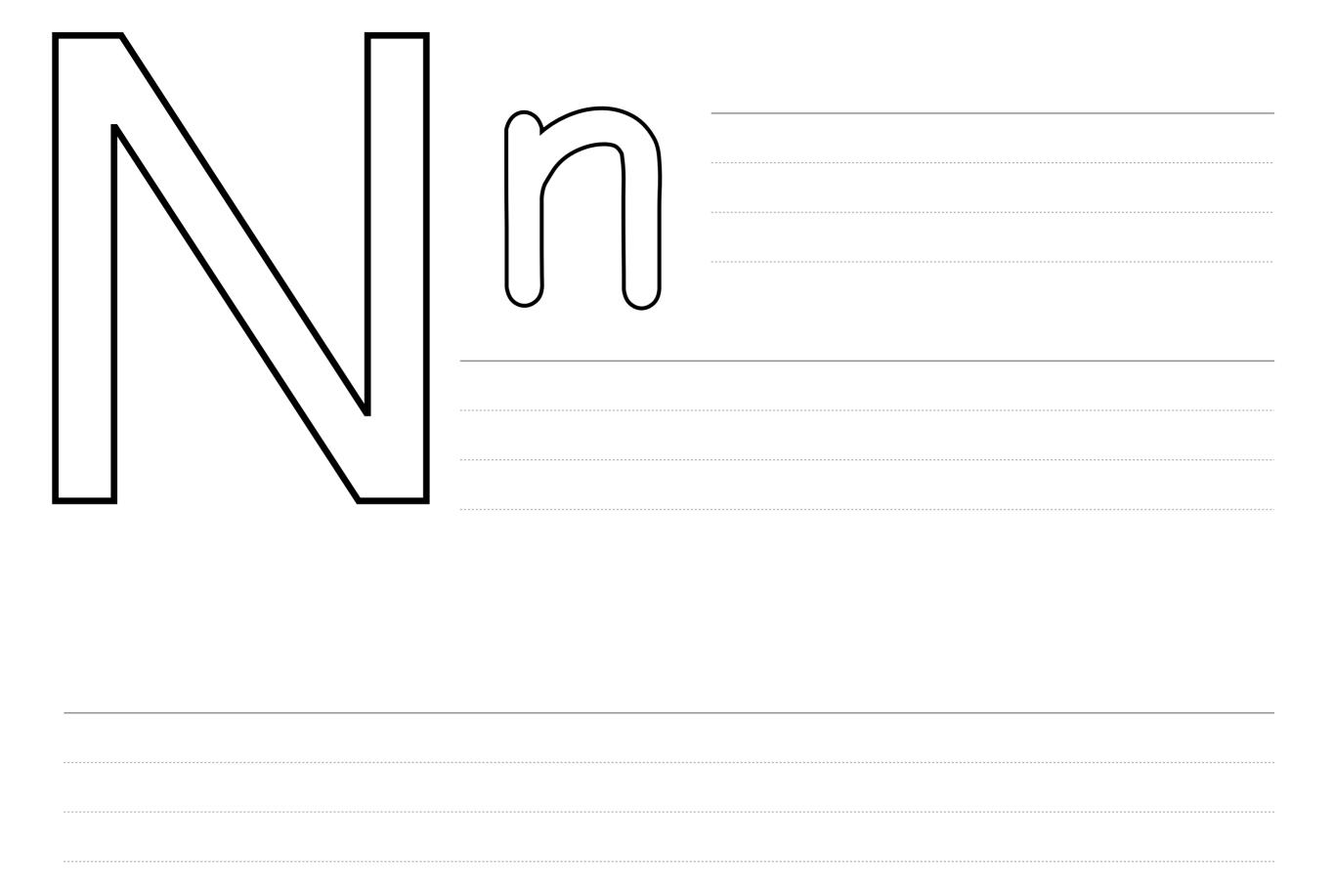
State Flower: Wild Prairie Rose



Complete the Rain Stick Activity to recreate an instrument/tool Native American tribes used.

Research Sitting Bull and complete the Person Of Interest worksheet.

Complete the Reading Log activity page.



Rain Stick Activity

#### **Materials:**

- Cardboard tube (paper towel roll)
- Scissors
- Glue or tape
- Art supplies (craft paper, stickers, glitter, paint, feathers, jute or yarn)
- Dry beans
- Aluminum foil



#### **Instructions:**

- 1. Decorate the outside of your rain stick with your art supplies.
- 2. Fill one end of your tube with dry beans
- 3. Crumple up aluminum foil and place it inside of the tube
- 4. Use paper and tape to seal the ends of the tube.
- 5. Slowly tilt your rain stick from side to side and flip it over to hear the soothing sounds.

## Ohio

Statehood: March 1, 1803

Postal Code: OH

Nickname: The Buckeye State

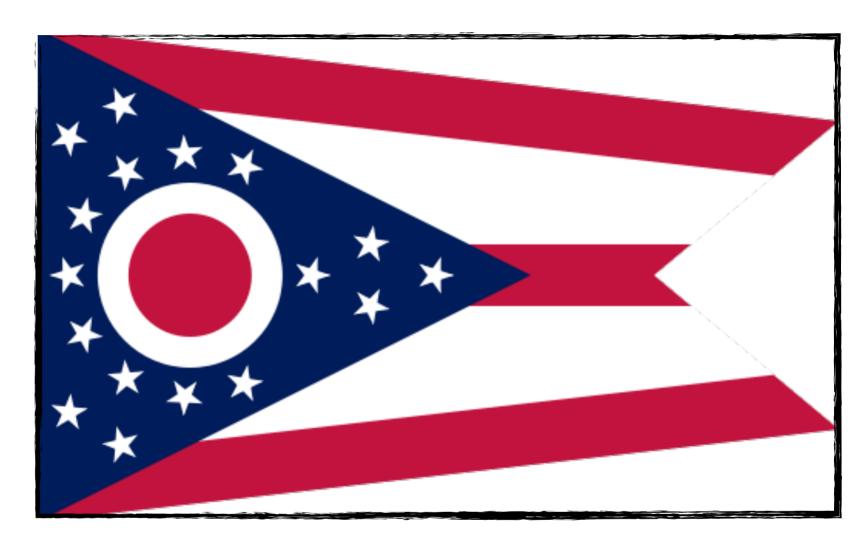
Capital: Columbus

Location: North (N)

State Bird: Cardinal

State Flower: Scarlet

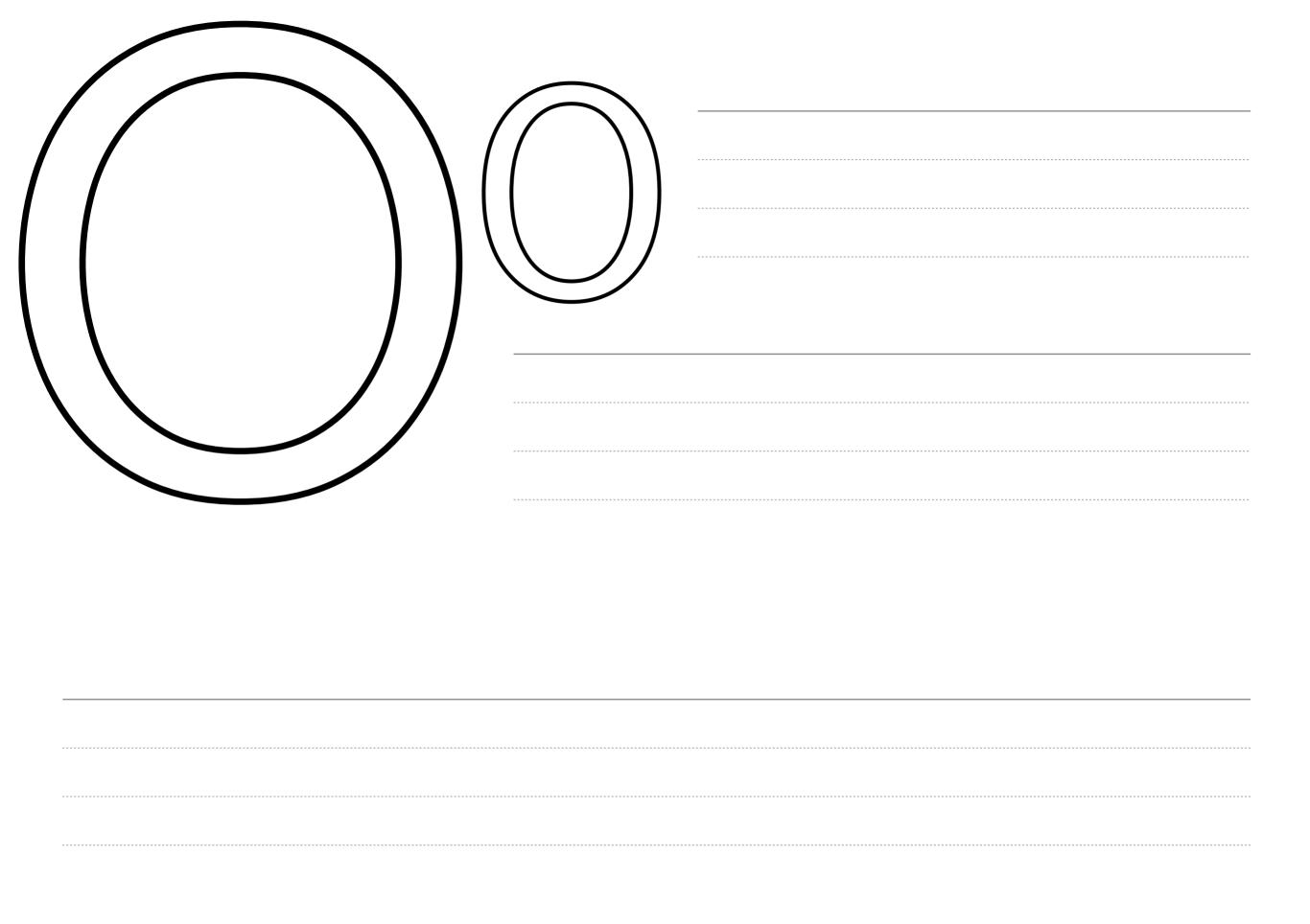
Carnation



Complete the Lightbulb Maze activity page.

Research Thomas Edison and complete the Person Of Interest worksheet.

Complete the Reading Log activity page.

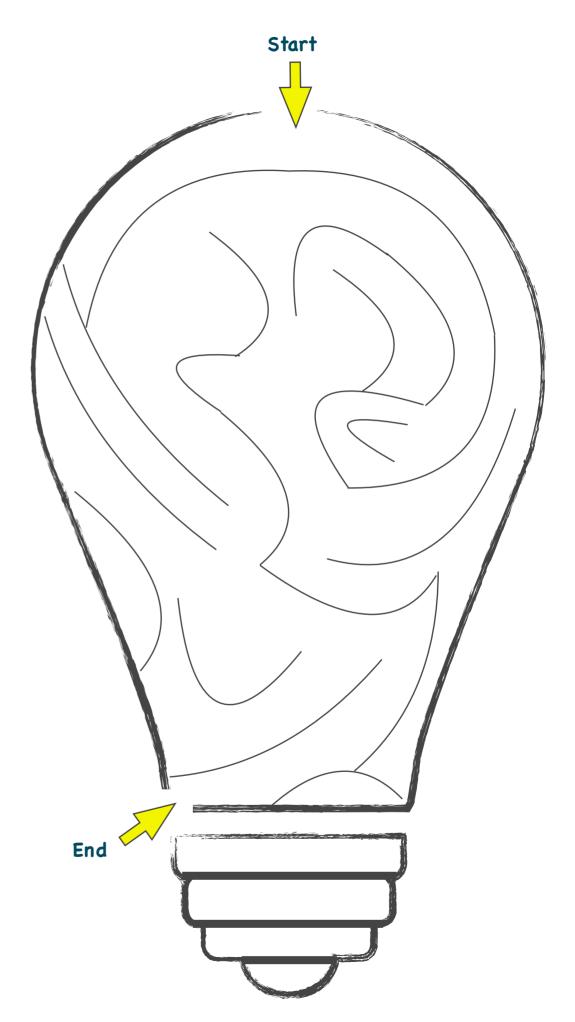


### Lightbulb Maze

Thomas Edison is famous for perfecting the lightbulb and bringing it into homes across America. He started the Edison Electric Light Company in 1878. The most widely used lightbulb at the time was the incandescent bulb. It had 3 main parts:

- 1. The base
- 2. The filament
- 3. The glass bulb enclosure

The base connects the lightbulb to a power source. The filament heats up until it glows and produces light! The glass bulb enclosure contains gas that protects the filament and allows it to light up for longer.



### Oklahoma

Statehood: November 16,

1907

Postal Code: OK

Nickname: The Sooner State

Capital: Oklahoma City

Location: Central U.S.

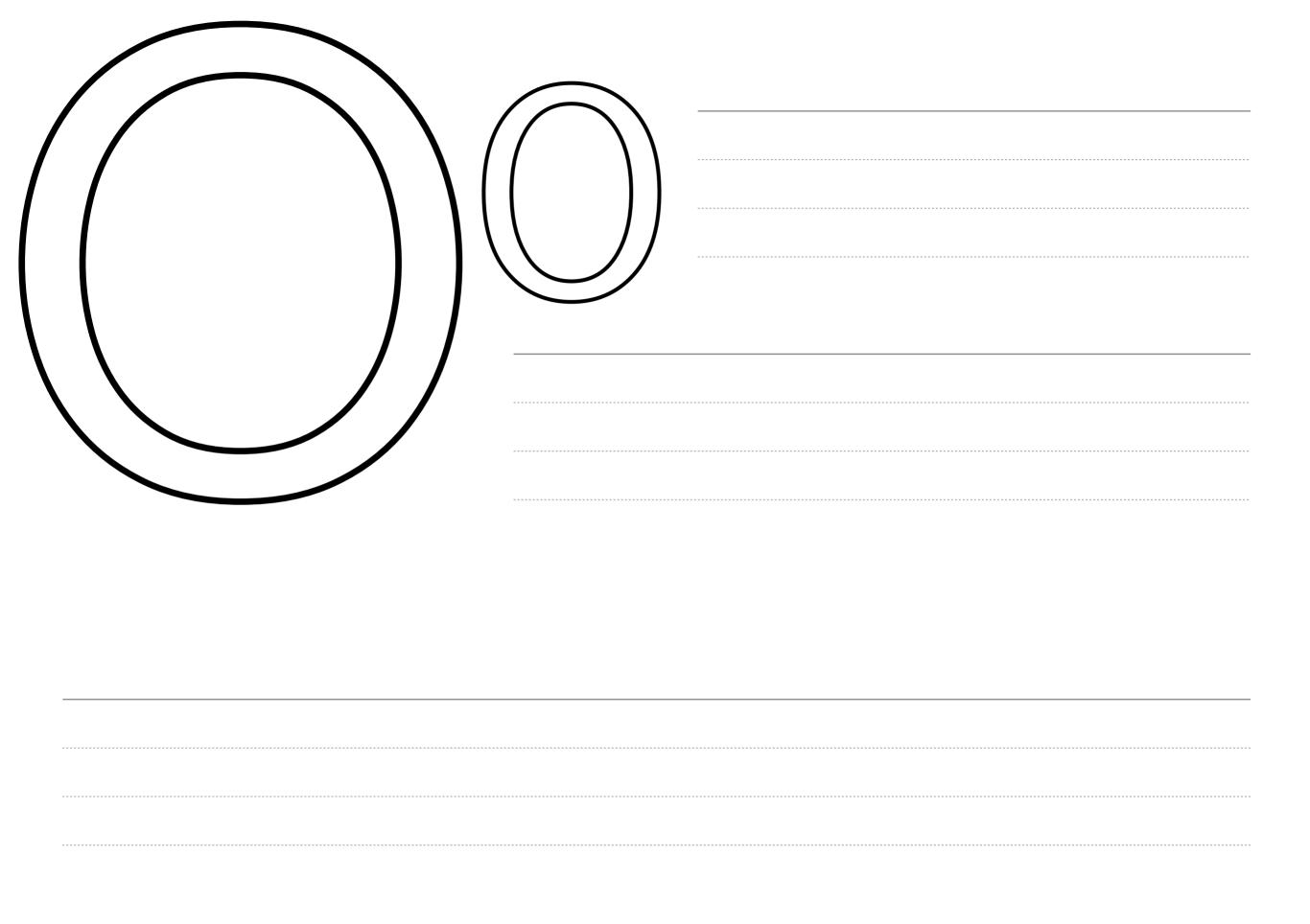
State Bird: Scissor-Tailed

Flycatcher

State Flower: Mistletoe



- Complete the Anatomy Of A Bison to learn more about these majestic animals.
- Research Woody Guthrie and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Anatomy Of A Bison

Hump On Shoulder

Draw a line to match the correct parts of the animal to the image below.



#### Did You Know?

People use the terms Bison and Buffalo interchangeably. However, Bison and Buffalo are two completely different animals! Buffalo live in Africa and Asia and Bison live in North America and Europe.

Hooves

# Oregon

Statehood: February 14, 1859

Postal Code: OR

Nickname: The Beaver State

Capital: Salem

Location: Northwest (NW)

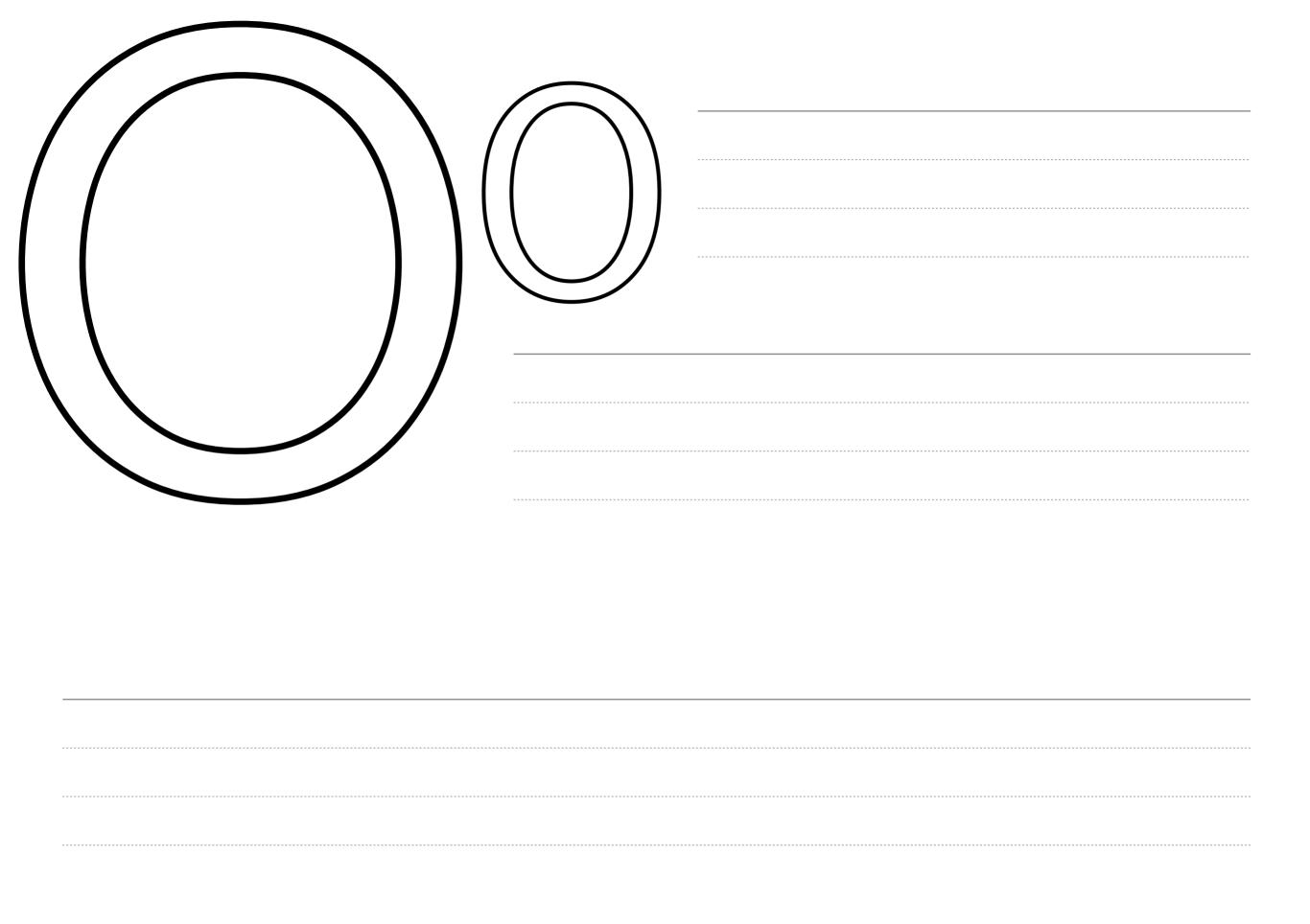
State Bird: Western

Meadowlark

State Flower: Oregon Grape

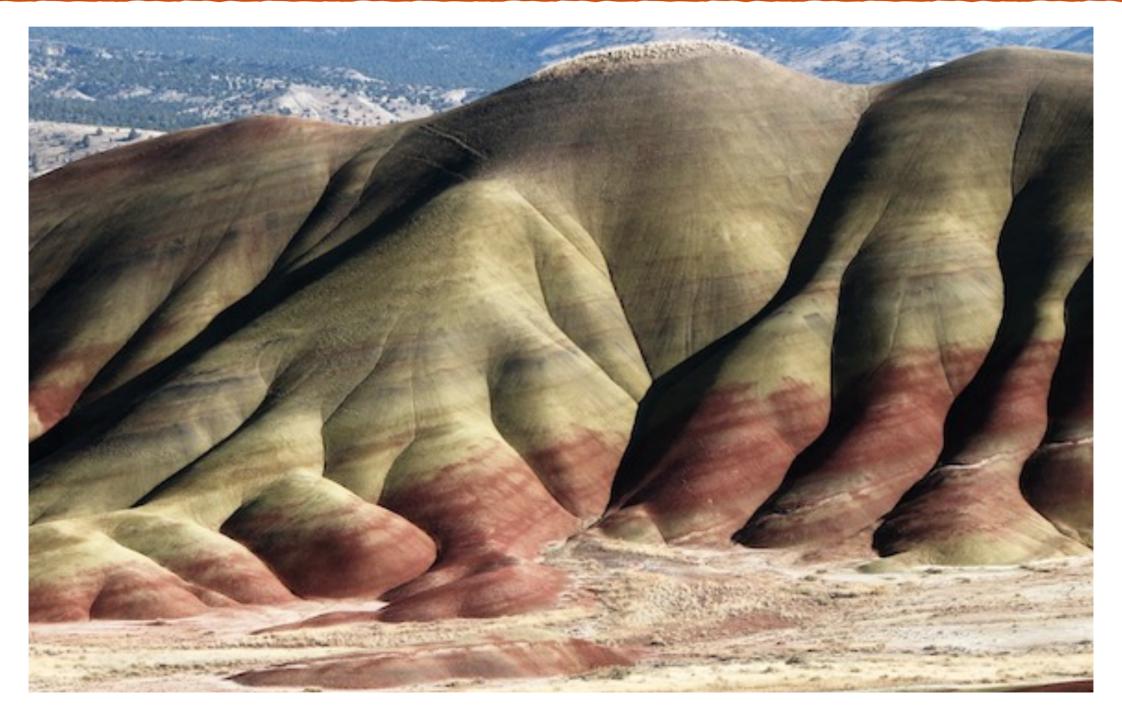


- Complete the Painted Hills art activity to learn about geological phenomenon.
- Research Beverly Cleary and complete the Person Of Interest worksheet.
- · Complete the Reading Log activity page.



### Painted Hills

The Painted Hills are part of the John Day Fossil Beds which is a National Monument in Oregon. Look at the image and create your own watercolor work of art displaying this beautiful geological formation!



chickieandroo.com

# Pennsylvania

Statehood: December 12,

1787

Postal Code: PA

Nickname: The Keystone State

Capital: Harrisburg

Location: Northeast (NE)

State Bird: Ruffed Grouse

State Flower: Mountain Laurel



- Complete the Static Electricity Experiment activity.
- · Research Benjamin Franklin and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Static Electricity Experiment

#### **Materials:**

- Balloon
- Bottle caps and other small items
- Sheet of paper

#### **Instructions:**

- Have an adult help you blow up the balloon.
- Rub the balloon across your hair back and forth.
- Move the balloon over the small items you collected and record your observations.

#### What's happening?

Static electricity is the stationary electric charge caused by friction. When you rub your balloon over your hair, you are causing friction. The friction causes an electrical charge in the balloon. The electrical charge in the balloon will attract or repel various materials.

#### Reflect:

What materials are energy conductors? Why do you think that is? What can you do to make the reaction stronger? What happens if you electrically charge 2 balloons and touch them to each other? What happens when you put a sheet of paper between the 2 balloons and try to touch them?

#### **New Words:**

- Electricity: energy caused by charged particles
- Friction: an object or surface rubbing against another
- Conductor: a material that transmits heat, electricity or sound
- Electrical Charge: material that stores electrical energy

### Rhode Island

Statehood: May 29, 1790

Postal Code: RI

Nickname: The Ocean State

Capital: Providence

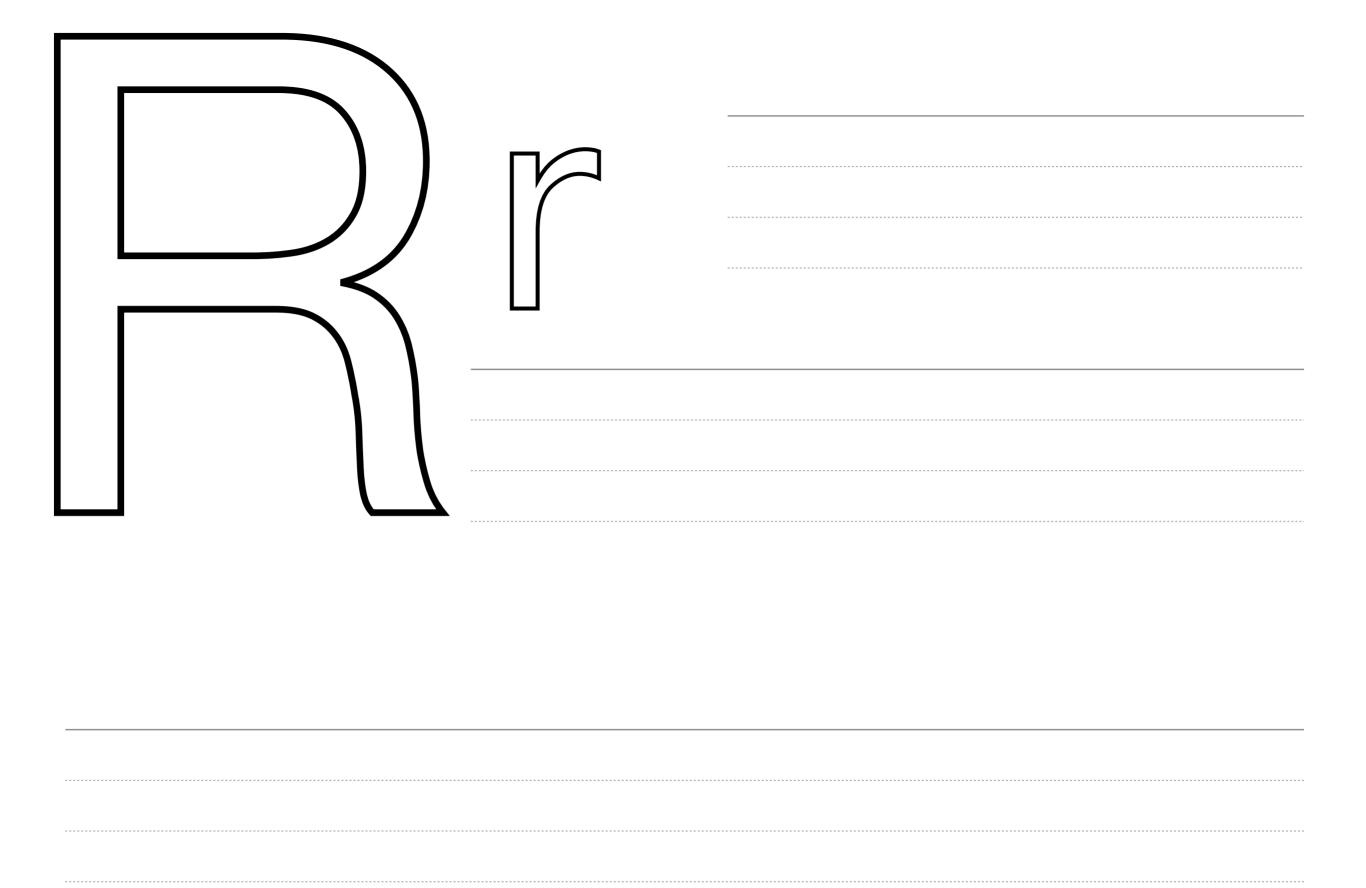
Location: Northeast (NE)

State Bird: Rhode Island Red

State Flower: Violet

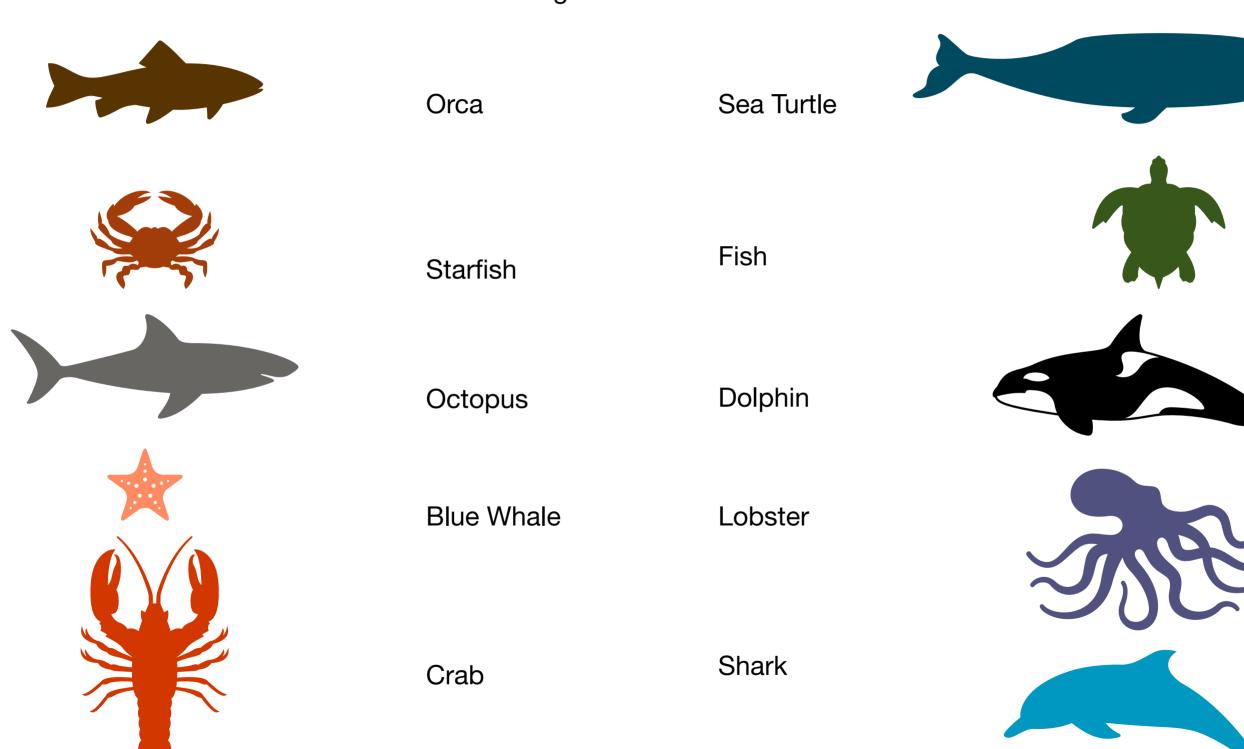


- Rhode Island is nicknamed The Ocean State. Complete the Ocean Animals Match-Up to identify the sea animals.
- Research Julia Ward Howe and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Ocean Animals Match-Up

Rhode Island is nicknamed The Ocean State. Draw a line from the name of each animal below to the image of the animal!



## South Carolina

Statehood: May 23, 1788

Postal Code: SC

Nickname: The Palmetto State

Capital: Columbia

Location: East (E)

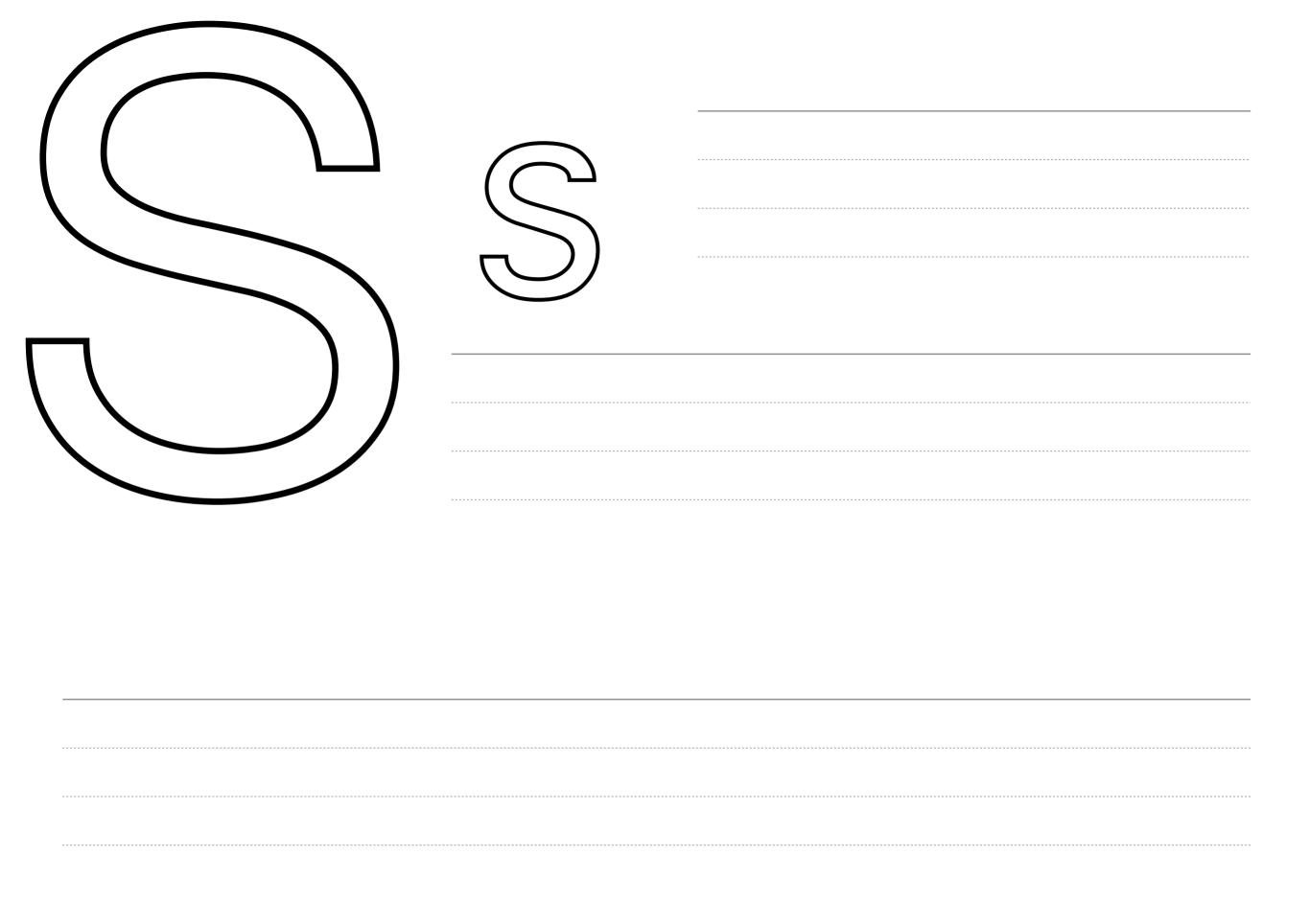
State Bird: Carolina Wren

State Flower: Yellow

Jessamine



- South Carolina was the birthplace of Robert Mills, the man who designed the Washington Monument. Complete the Make Your Own Washington Monument activity on the following page for a hands on craft that teaches you about this structure.
- Research Robert Mills and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



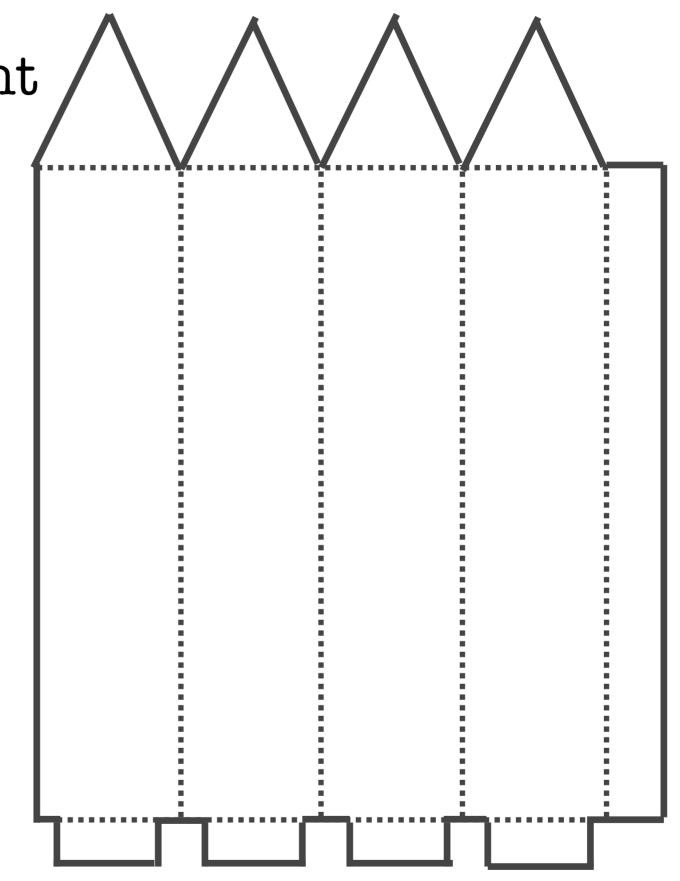
Make Your Own Washington Monument

The Washington Monument was designed by Robert Mills, erected in Washington D.C., and open to the public on October 9, 1888. It is 555 feet and 5/8 inches tall and weighs 90,854 tons! It is made of white marble, granite, and sandstone. It was built as a memorial for the 1st president of the United States, George Washington, after he passed away. It is the world's tallest stone structure and obelisk.

Create your own Washington Monument using the template to the right! Cut on the solid lines and fold on the dotted lines. Use tape to secure the sides and top of your obelisk.

#### **New Words:**

- Monument- a statue, building, or structure made to commemorate a famous person or event.
- Obelisk- a stone pillar with a pyramid top, usually a kind of monument
- Commemorate- to celebrate a person or event, to show respect for
- Structure- building or object constructed from several parts



## South Dakota

Statehood: November 2, 1889

Postal Code: SD

Nickname: The Mount

**Rushmore State** 

Capital: Pierre

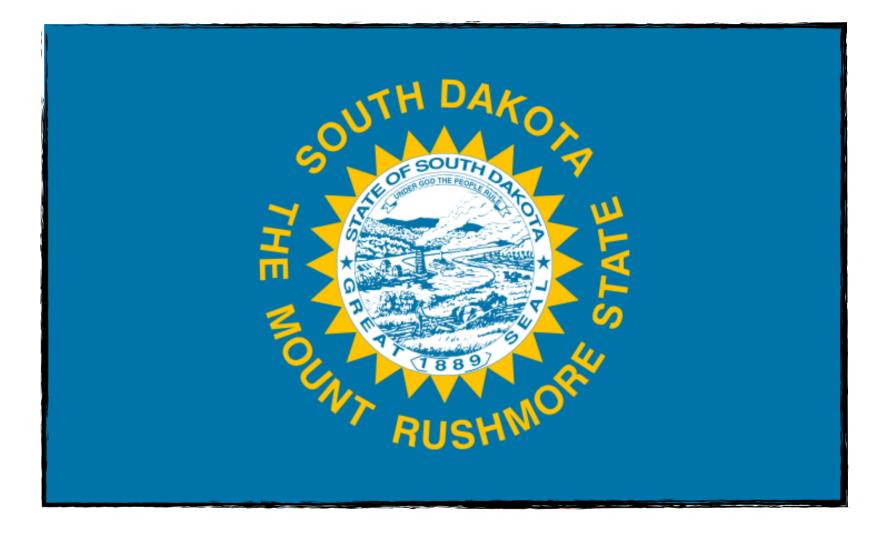
Location: North (N)

State Bird: Ring-Necked

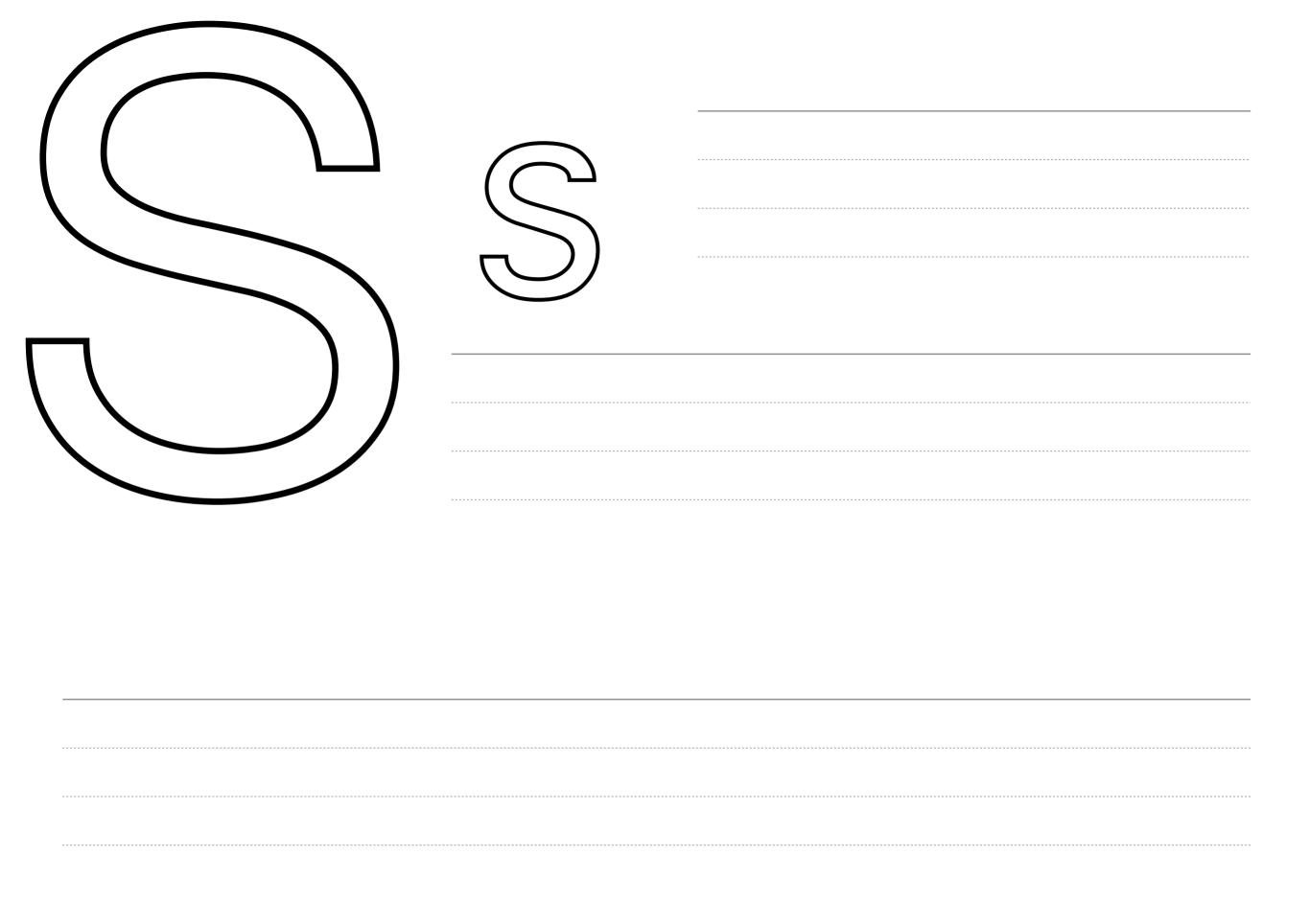
Pheasant

State Flower: American

Pasque



- Mount Rushmore is a National Memorial carved into the mountain in Black Hills, South Dakota. The sculpture depicts the faces of 4 United States' Presidents: George Washington, Thomas Jefferson, Theodore Roosevelt, and Abraham Lincoln. Each president's face is 60 feet high! Complete the Mount Rushmore craft on the following page.
- Research Laura Ingalls Wilder and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Salt Dough Rushmore

Make your own Mount Rushmore using the following materials and instructions.

### Salt Dough Materials:

- 2 cups flour
- 1/2 cup water
- 1/4 cup salt

#### Salt Dough Instructions:

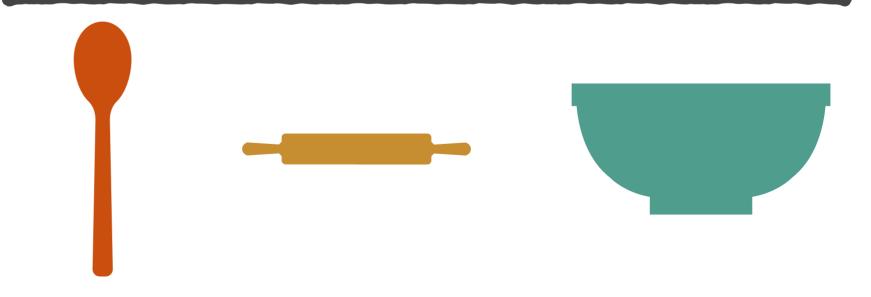
- 1. Mix flour and salt in a bowl
- 2. Slowly add water until combined, then knead with your hands until the dough is well mixed. (If the dough is too sticky, add more flour, if the dough is cracking, add more water.)

#### **Mount Rushmore Instructions:**

Once you have made your salt dough, pull off a chunk and roll into a ball. Use your fingers or any safe kitchen implements to begin forming the face of your Mount Rushmore landmark. You can make 1 President or all 4!

#### Reflect:

- What are the names of the 4 Mount Rushmore Presidents?
- · Which President's face was the easiest to sculpt?
- If you could add another President's face to the monument, who would you choose?



### Tennessee

Statehood: June 1, 1796

Postal Code: TN

Nickname: The Volunteer State

Capital: Nashville

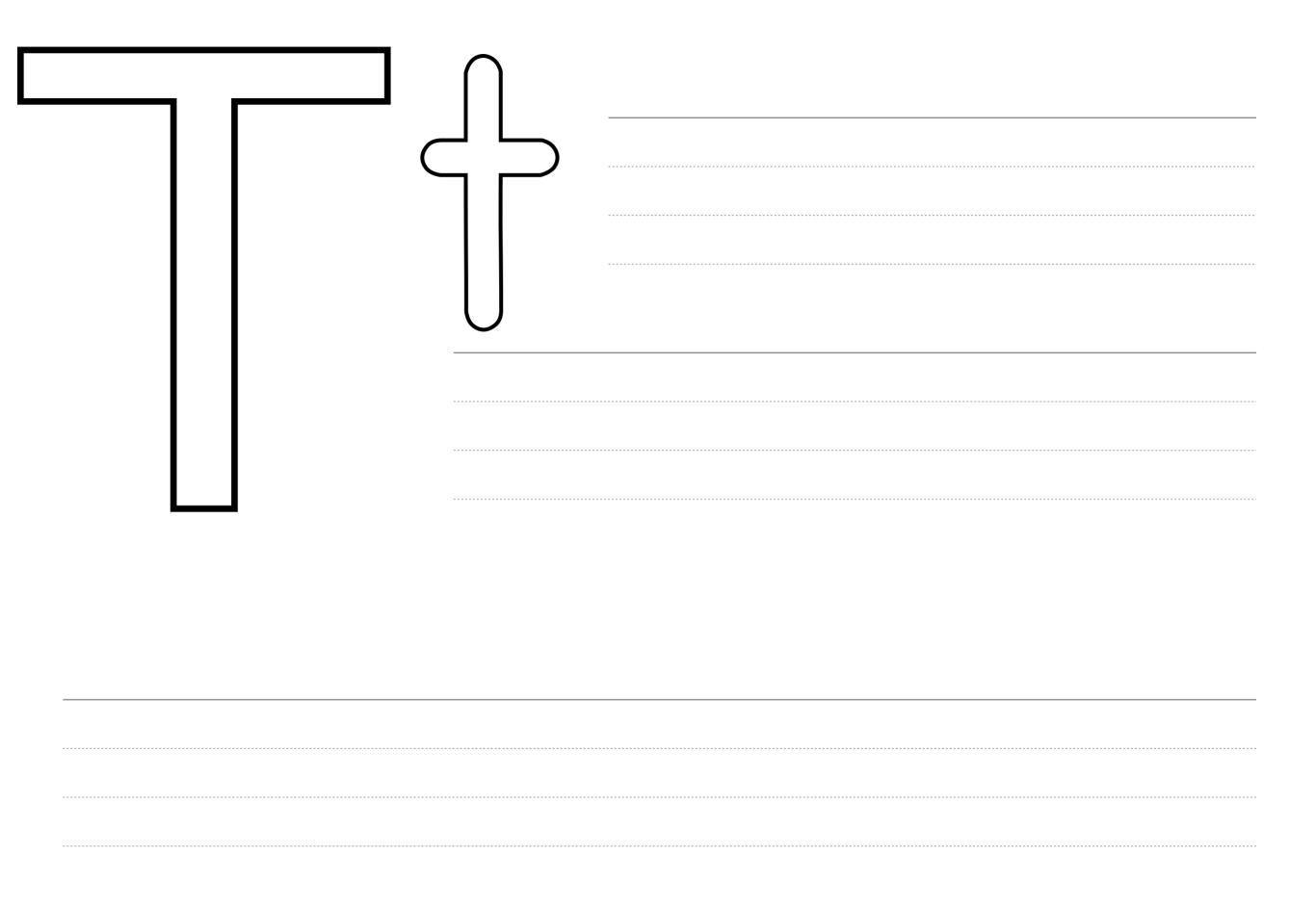
Location: East (E)

State Bird: Mockingbird

State Flower: Iris



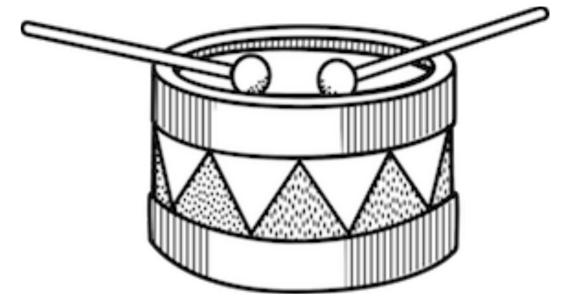
- Tennessee is the country music capital of the world. Complete the Build Your Own Drum activity page to create your own instrument!
- The Smokey Mountains run through the state of Tennessee. Draw and color the Smokey Mountains on your physical map.
- Research Davy Crockett and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Build Your Own Drum

#### **Materials:**

- Empty round container (i.e. metal can, oatmeal container, cocoa powder container)
- Balloon
- Paper
- Tape or glue
- Scissors
- Art materials to decorate (string, feathers, markers, crayons, paint, glitter, or stickers)
- 1 wooden chopstick
- 1 small bead (with hole that end of chopstick will fit into)



#### **Instructions:**

- 1. If your container has a lid, remove it.
- 2. Cut and glue your paper to the outside of your container.
- 3. Decorate it any way you'd like!
- Ask an adult to help you stretch out the balloon by blowing it up and then releasing the air. Cut the tip off of the bottom of the balloon and stretch it over the top of your container.
- 5. Add string and feathers to secure the balloon to the container
- 6. Slip one end of your chopstick into the bead to create a drumstick.
- 7. Play your new instrument!

### Texas

Statehood: December 29,

1845

Postal Code: TX

Nickname: The Lone Star

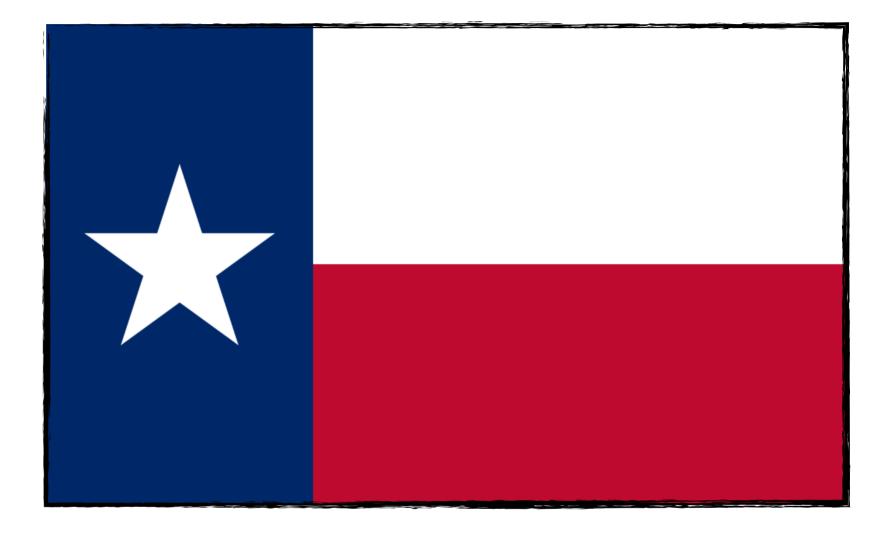
State

Capital: Austin

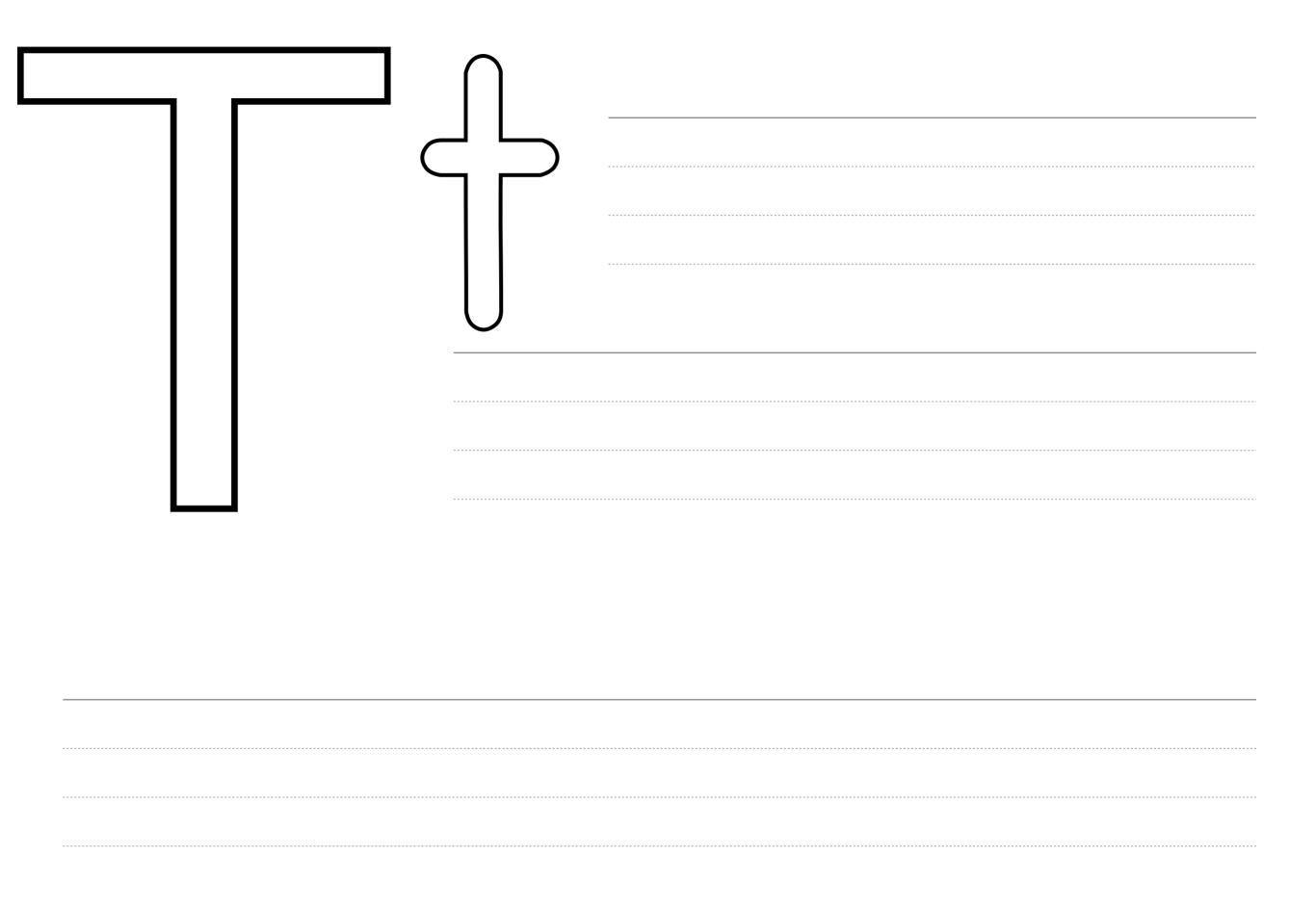
Location: South (S)

State Bird: Mockingbird

State Flower: Bluebonnet



- Six nations or flags have ruled over the land of Texas. Complete the Flags Of Texas activity sheet to identify the flags of Texas' history.
- Research Steven Fuller Austin and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.

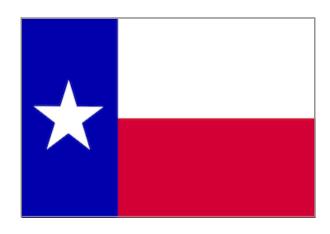


### Flags Of Texas

Six nations or flags have ruled over the land of Texas throughout it's history. Match up the flags with the correct names from the list below.







Mexico

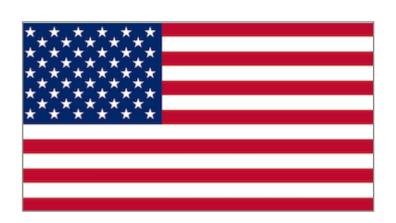
Confederacy

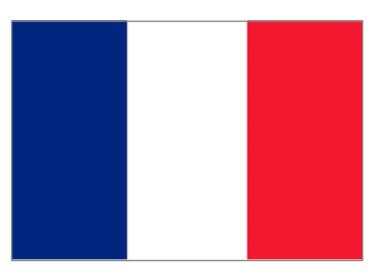
Republic Of Texas

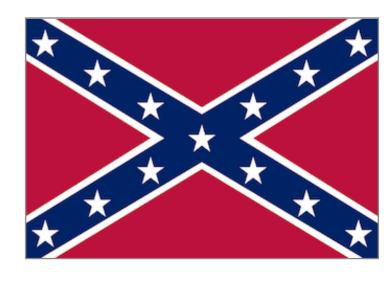
**United States** 

Spain

France







### Utah

Statehood: January 4, 1896

Postal Code: UT

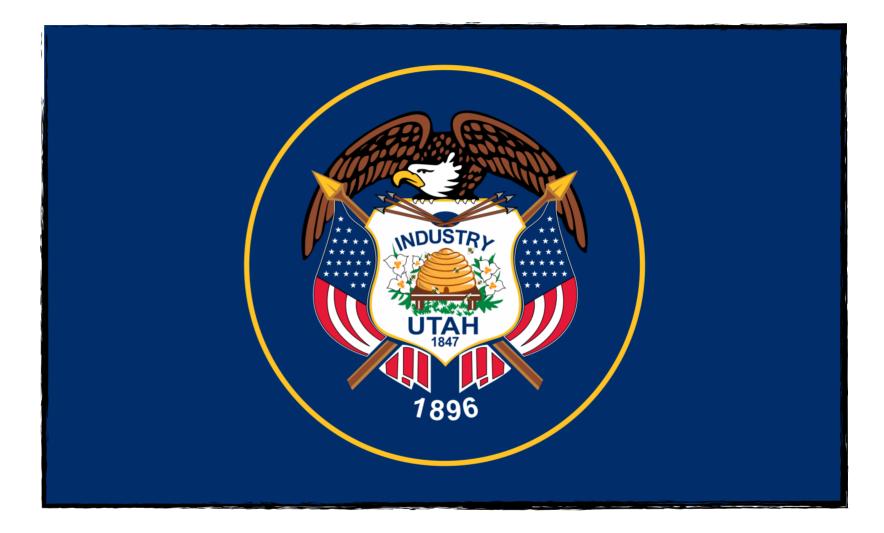
Nickname: The Beehive State

Capital: Salt Lake City

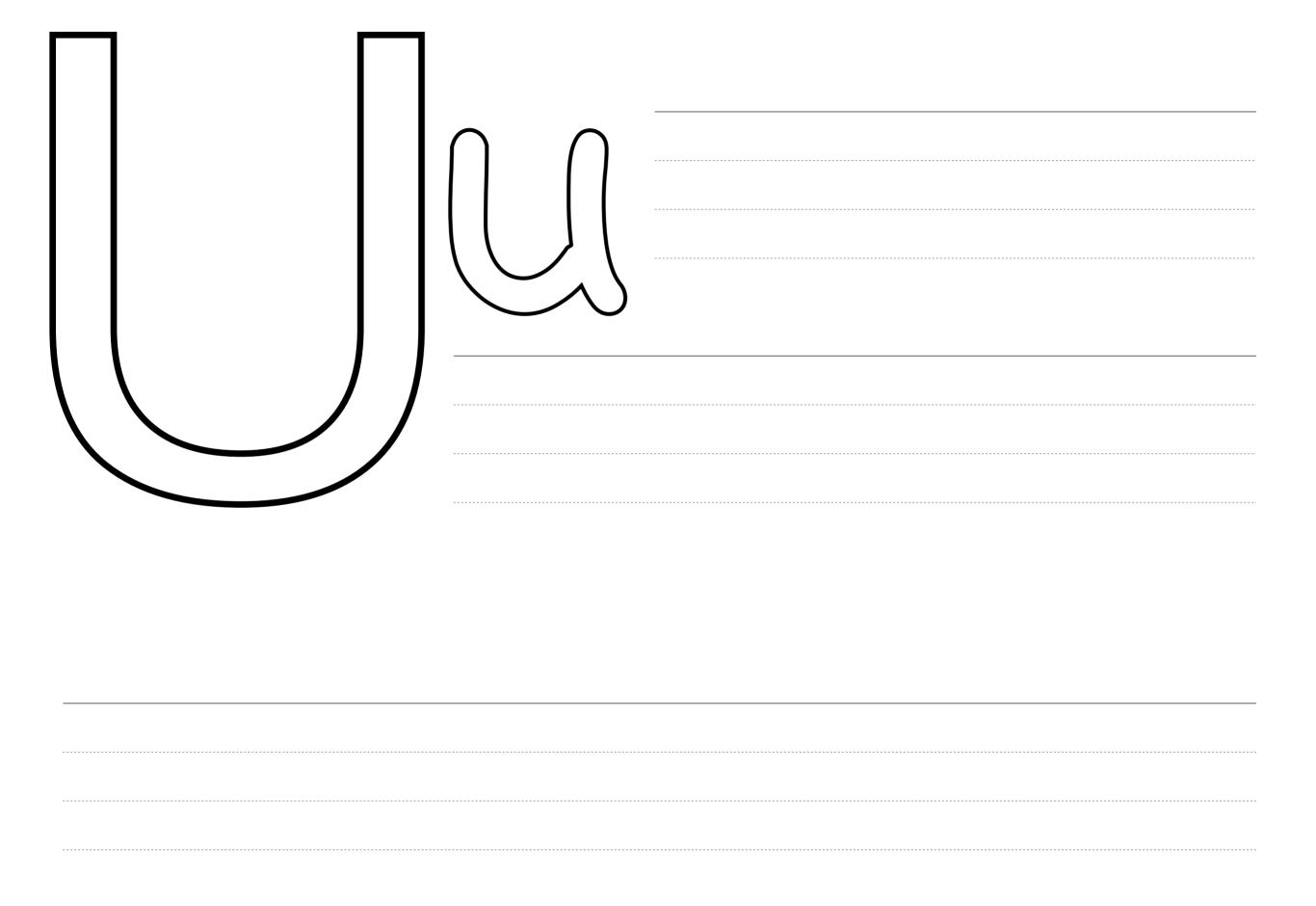
Location: Central U.S.

State Bird: Seagull

State Flower: Sego Lily



- Utah played a significant role in the completion of the first continental railroad. Complete the Make Your Own Map activity to create your own vintage-styled map of this important event.
- Utah is home to Monument Valley, a beautiful natural landmark. Use your salt dough to recreate these enormous rock structures.
- Research Robert Leroy Parker "Butch Cassidy" and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Make Your Own Map

The First Transcontinental Railroad was a railway that was built to connect the east coast of the United States to the West Coast. The railroad was 1776 miles long and took 3 companies 6 years to build it! The rail system ran from Omaha, Nebraska to San Francisco, California. People could now travel in 1 week what used to take 6 months! The Golden Spike marked the completion of the railroad and was driven into the rail bed on May 10, 1869 in Promontory Point, Utah.

#### **Instructions:**

- 1. Use the blank country template to trace a map onto your paper. (make sure it is not a water soluble marker-or your country/state outlines will wash away in the following steps.
- 1. Have an adult boil water to make tea or coffee and let the beverage cool.
- 2. Pour the cooled tea or coffee into a cup.
- 3. Carefully dip your paper into the beverage to stain the paper.
- 4. While the paper is still damp, gently tear and curl the edges of the map to give it an antiqued appearance.
- 5. Let your paper dry inside for 1-2 hours or outside in the sun.
- 6. Draw the First Transcontinental Railroad using the locations from the passage above.



# Tea (or coffee) Materials: Cup White Paper (any size) Marker (not water soluble) Water Blank Country Map

### Vermont

Statehood: March 4, 1791

Postal Code: VT

Nickname: The Green

Mountain State

Capital: Montpelier

Location: Northeast (NE)

State Bird: Hermit Thrush

State Flower: Red Clover



- Elisha Graves Otis designed America's first elevator. Complete the Build Your Own Elevator experiment on the following page to understand how an elevator pulley system works.
- Research Elisha Graves Otis and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Build Your Own Elevator

#### **Materials:**

- Popsicle sticks
- String or yarn (about 5 ft piece)
- Small toys or household items
- Tape or glue

#### **New Words:**

- Ascend- to go up or climb
- Descend- to move or fall downward
- Taut- stretched or pulled tight
- Slack- loose rope
- Platform- a raised level surface where people or things can stand

#### **Instructions:**

- 1. Tape or glue your popsicle sticks together to form a flat platform (this will be the base for your elevator.
- 2. Tape or glue more popsicle sticks to form the roof of your elevator.
- 3. Tie your string around or through the roof of your elevator.
- 4. Wrap your string around a doorknob, hook, or cabinet handle and pull it taut.
- 5. Load your elevator with your favorite toys or small household items.
- 6. Pull the string downward to help your elevator ascend, give your string some slack to allow your elevator to descend to let your passengers off.

#### Reflect:

Was it easy or difficult to raise and lower your elevator?

How many toys or items could your elevator hold?

Did any toys fall out? How could you make your elevator more durable or smoother?

What would happen if you used 2 strings at the same time raise or lower your platform?

# Virginia

Statehood: June 25, 1788

Postal Code: VA

Nickname: The Old Dominion

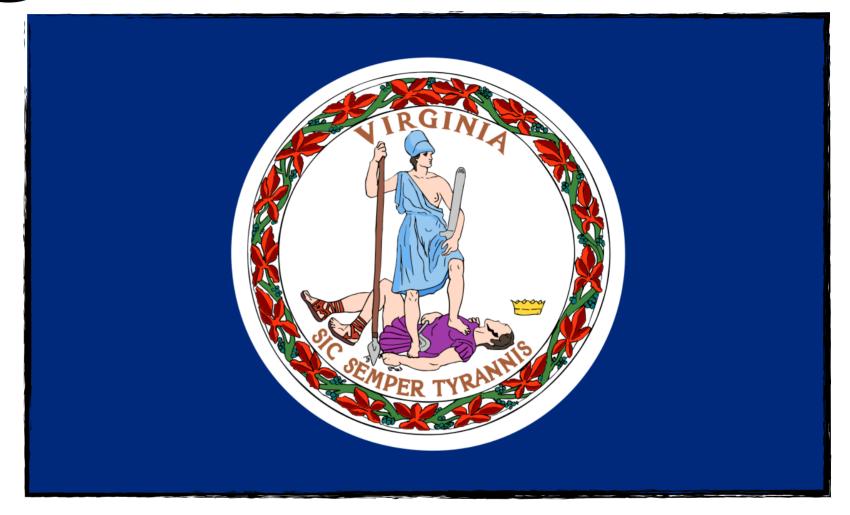
State

Capital: Richmond

Location: East (E)

State Bird: Cardinal

State Flower: Dogwood



- George Washington famously crossed the Delaware River on December 25th 1776. Complete the Boat Experiment to creat your own boat to cross a river.
- Research President George Washington and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Boat Experiment

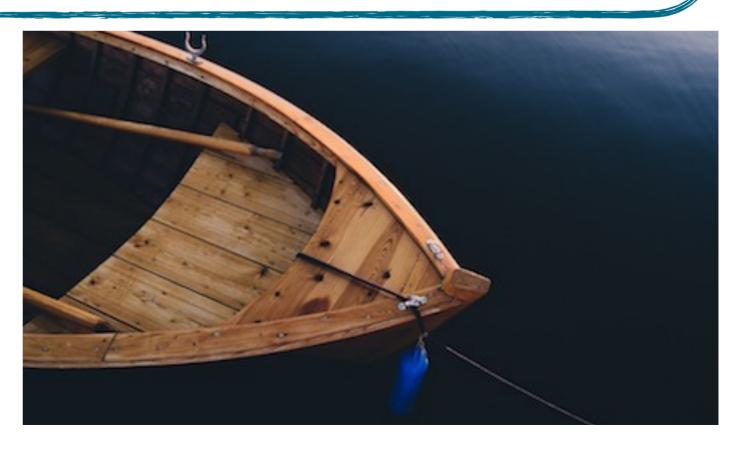
George Washington famously crossed the Delaware River on December 25th, 1776. Use the materials and instructions below to build your own boat and test it!

#### **Instructions:**

- 1. Fold your paper to create shaped boat you'd like. (You are encouraged to complete this activity more than once with different sized and shaped boats)
- 2. Fill your bucket with water
- 3. Place your boat on the water to determine how it floats
- 4. Take turns placing different amounts of small items on your boat to test how your boat sinks or floats.
- Repeat experiment with different sized and shaped boats and record your results!

#### **Materials:**

- Bucket
- Water
- Paper
- Small items to load onto your boat (pennies, rocks, marbles, etc)



# Washington

Statehood: November 11,

1889

Postal Code: WA

Nickname: The Evergreen

State

Capital: Olympia

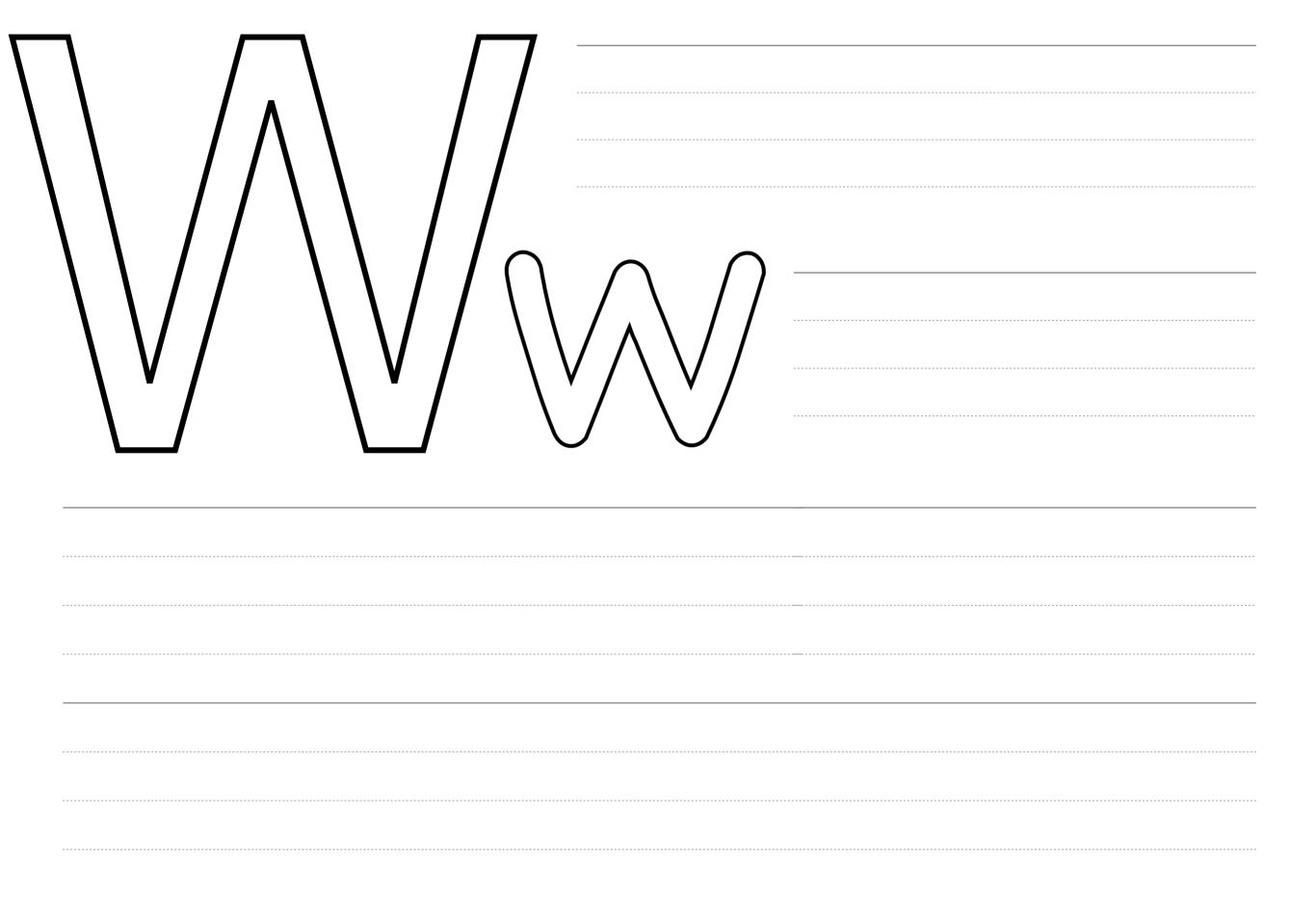
Location: Northwest (NW)

State Bird: Goldfinch

State Flower: Rhododendron



- Washington is home to some of the largest mountains in the continental United States. Complete the Mountain Experiment activity to discover the relationship between rainfall and mountains.
- Washington State was the birthplace of famous computer genius Bill Gates. Complete the Circuit Board Maze on the following
  page to learn more about how these devices power computers.
- Research Bill Gates and complete the Person Of Interest worksheet.
- · Complete the Reading Log activity page.



### Mountain Experiment

Washington is known for it's beautiful Cascades mountain range. Complete a mountain activity using the following materials and instructions:

#### **Materials:**

2 sheets of printer paper a marker (water soluble) water in a spray bottle.

#### **Instructions:**

- 1) Leave one of our papers flat and crumple the other into a ball and then open it back up.
- 2) Using your marker, color or trace lines onto the folds and grooves you created in the paper by crumpling it.
- 3) Without flattening your 'mountain', tape the bottom edges to the flat sheet of paper, leaving the top crumpled.

#### What's Happening?

When it rains, water rushes down mountains into rivers and streams below. Water does not always take a predictable path. But, when looking at mountain ranges, you can tell where there are grooves or lower areas in the mountain's face. This is called erosion and it happens when water flows over a certain area over a long period of time. The force of the water slowly wears down parts of the land.

#### Reflect:

What happened when you misted your mountain? Did the marker's color run where you thought it would? What natural elements could change the course of this water?

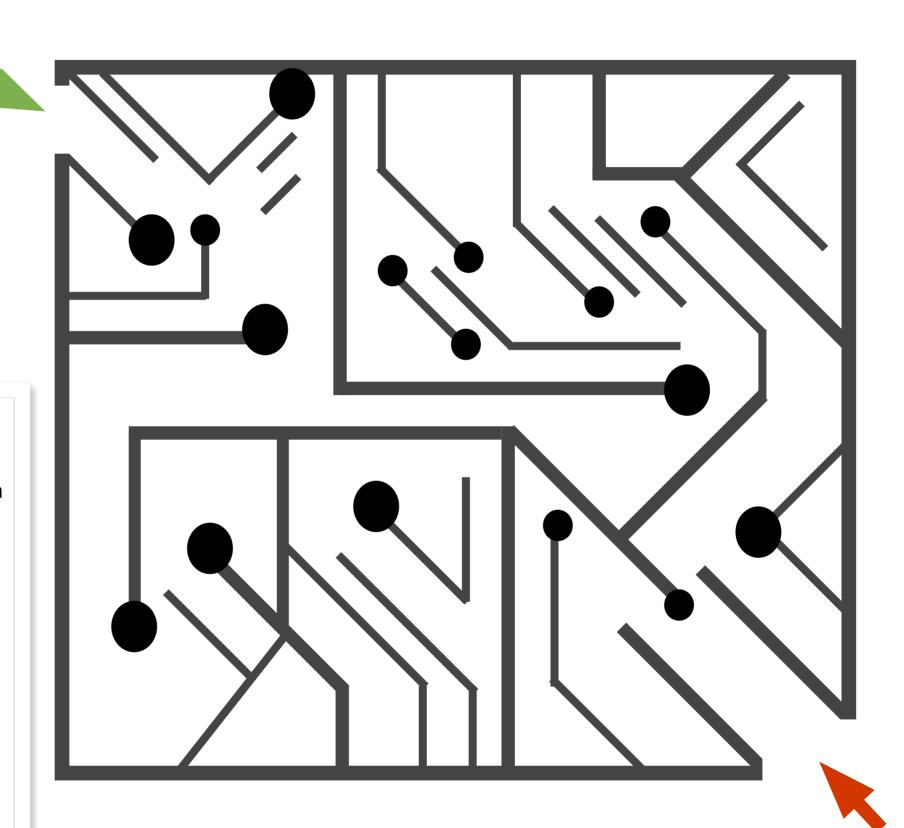
### Circuit Board Maze

#### Start

All computers use circuit boards to transfer electricity. Electronic components are attached to the circuit board. The electricity that passes through the circuit board allow these parts to work together.

#### **New Words:**

- Circuit- a complete and closed path in which an electric current can flow
- Electricity- energy that flows and powers our everyday items
- Component- a part of a machine
- Transfer- to move from one place to another
- Computer- an electronic machine that stores and processes data



# West Virginia

Statehood: June 20, 1863

Postal Code: WV

Nickname: The Mountain State

Capital: Charleston

Location: East (E)

State Bird: Cardinal

State Flower: Rhododendron



- West Virginia is home to many mountain animals. Complete the Creature Cup activity to recreate animal sounds with your own homemade instruments!
- Research Thomas Jonathan "Stonewall" Jackson and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Create Your Own Creature Cups

#### **Materials:**

- Different sized metal tins (cans)
- String
- Water
- Paper and art materials for decorating
- Drill

#### **Instructions:**

- 1. Decorate the outside of your metal tin containers any way you'd like with your art supplies.
- 2. Have an adult help you drill a hole in the center bottom of the container.
- 3. Feed string through the hole and tie a knot in the inside of the container.
- 4. Wet your string so it's damp.
- 5. Hold the opening of the tin away from you and with the string facing toward you, grab the string and slide your hand downward to pull to create a sound.

## AR





#### Reflect:

- What sounds did your instrument make?
- Did the size of the can affect the sound created?
- How could you make a higher pitched sound?
- How could you make a deeper sound?

### Wisconsin

Statehood: May 29, 1848

Postal Code: WI

Nickname: The Badger State

Capital: Madison

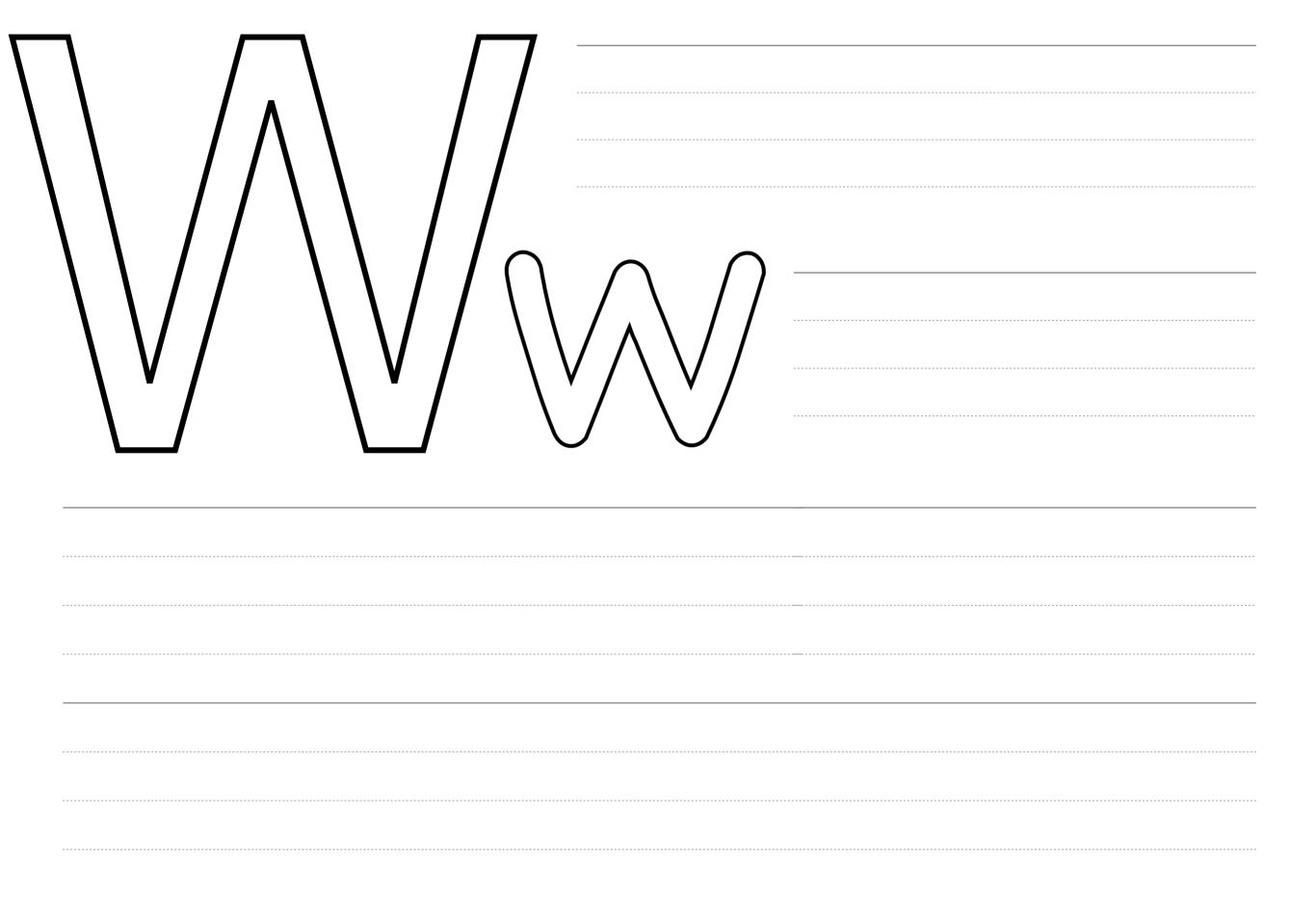
Location: North (N)

State Bird: Robin

State Flower: Wood Violet



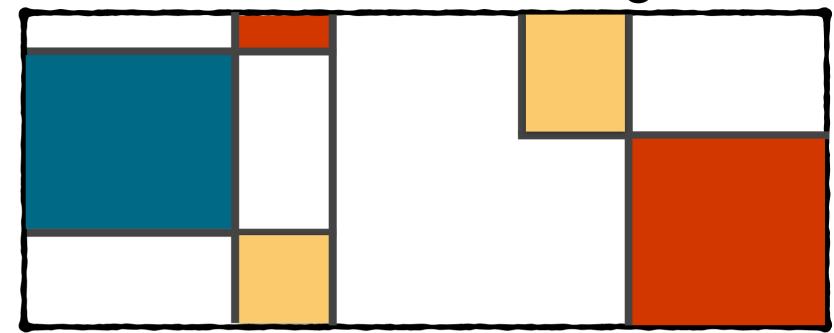
- Wisconsin was the birthplace of famed architect and designer Frank Lloyd Wright. Complete the Stained Glass Window Project on the following page to design your own window art!
- Research Frank Lloyd Wright and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.



### Stained Glass Window Project

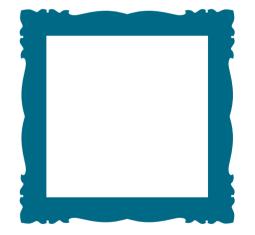
#### **Materials:**

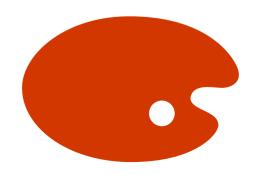
- Contact paper (clear)
- Tissue paper (multiple colors)
- Black construction paper
- Scissors
- Tape



#### **Instructions:**

- 1. Cut your contact paper into whatever size square or rectangle you'd like.
- 2. Remove the backing from your contact paper and flip it over so the sticky side is facing up.
- 3. Tape your contact to a table or workspace.
- 4. Cut your black instructions into assorted sizes of rectangles (very thin and some a little thicker, some short and some longer)
- 5. Arrange your black construction paper lines and stick them down to your contact paper in a random partial grid.
- 6. Cut your tissue paper into squares and stick them onto your contact paper to fill in some of the areas in between your black construction paper grid.
- 7. When you are finished, stick your stained glass window onto a real window to let the light





# Wyoming

Statehood: July 10, 1890

Postal Code: WY

Nickname: The Cowboy State

Capital: Cheyenne

Location: Central U.S.

State Bird: Western

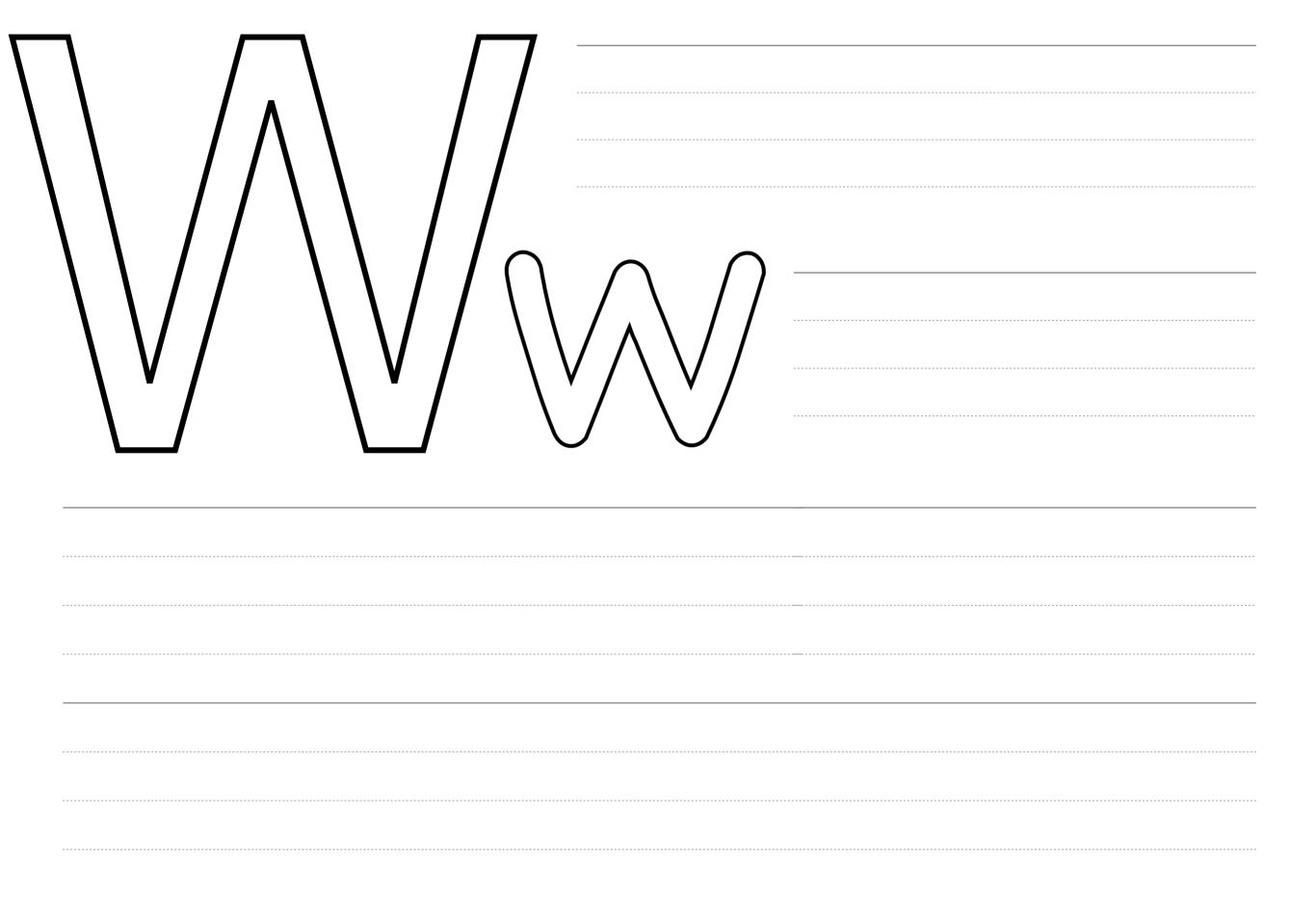
Meadowlark

State Flower: Indian

Paintbrush



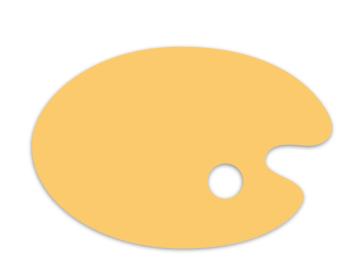
- Wyoming was the birthplace of famed artist Jackson Pollack. Complete the Create Your Own Splatter Art activity on the following page to make your own masterpiece!
- Research Jackson Pollack and complete the Person Of Interest worksheet.
- Complete the Reading Log activity page.

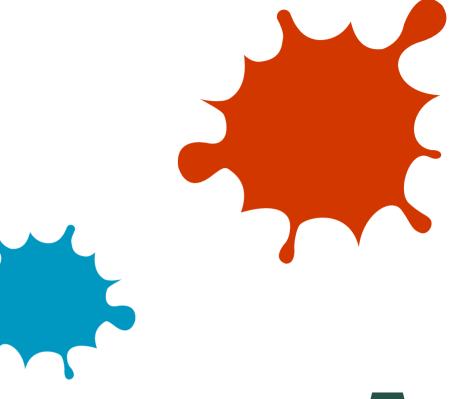


### Create Your Own Splatter Art

#### **Materials:**

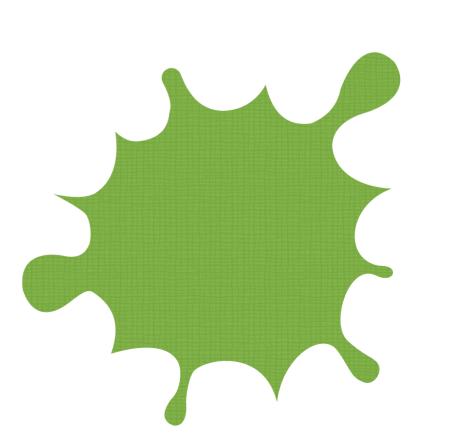
- Canvas or paper
- Paint
- Paintbrushes





#### **Instructions:**

- 1. Bring your materials outside (this can get messy!)
- 2. Lay your paper or canvas on the ground.
- 3. Open your paints and drip multiple colors randomly across your canvas.
- 4. You can use your paintbrushes dipped in paint to flick and fling color onto your canvas.
- 5. Let it dry for at least an hour outside.



#### **RESOURCES:**

For coloring sheets for each state flag visit:

http://www.crayola.com/free-coloring-pages/places/us-states-coloring-pages/

Alaska-

www.auroraborealis.org

Colorado-

www.nps.gov; Colorado (U.S. National Park Service)

Delaware-

- www.nps.gov, Delaware (U.S. National Park Service)
- www.delaware.gov

Florida-

- www.nasa.gov
- www.avilesstreet.com

Georgia-

- www.rocketcenter.com, U.S. Space & Rocket Center
- www.sciencebob.com, Build a film canister rocket

Idaho-

- www.idahopotatomuseum.com
- www.sciencing.com

Illinois-

 http://landmarkunitedstates.com/site/19040/Adler-Planetarium-and-Astronomy-Museum

Indiana-

 https://www.cmhouston.org/make-your-own-magnusglider

lowa-

 https://kids.nationalgeographic.com/explore/states/ iowa/#iowa-corn.jpg

Kansas-

- www.weather.gov, Kansas Tornado Information
- www.enchantedlearning.com, Tornado Glossary

Michigan-

https://www.history.com/topics/model-t

.

#### Nebraska-

- http://nebraskafacts.facts.co/ funnebraskafactsabout/ nebraskafacts.php
- Ohio-
- https://www.coolkidfacts.com/ thomas-edison-2/
- https://sciencing.com/

#### Pennsylvania-

https://www.fi.edu/benjamin-

South Carolina facts-

• www.amerian-historama.org, 40

#### South Dakota-

 www.nps.gov; Mount Rushmore National Memorial (U.S. National Park Service)

#### Utah-

- www.nps.gov; Golden Spike National Historic Site (U.S. National Park Service)
- https://utah.com/monument-valley

#### Washington-

 https://wiki.kidzsearch.com/ wiki/Printed\_circuit\_board