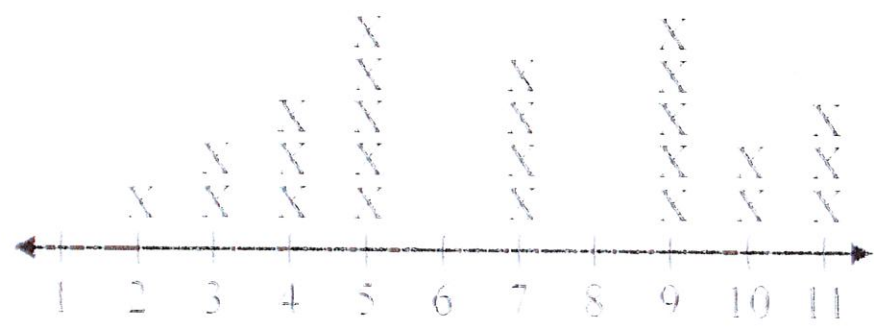


Lesson 8 Enrich

Analyze Line Plots

This line plot shows the number of sticks each person collected for the campfire. Each X represents one person. Use the line plot to answer the questions.



- How many people in all collected sticks?
 _____ people
- How many people collected 4 sticks?
 _____ people
- How many people collected 4 or 3 sticks?
 _____ people
- How many more people collected 3 or 9 sticks than people who collected 2 or 3 sticks?
 _____ - _____ = _____ _____ - _____ = _____
 _____ - _____ = _____ people

Name _____

Lesson 8

Analyze Line Plots

My Homework

Homework Helper



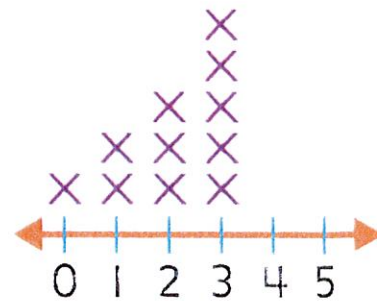
Need help? connectED.mcgraw-hill.com

You can answer questions from data in line plots.

How many friends have 3 dolls?

5 friends each have 3 dolls.

Number of Dolls



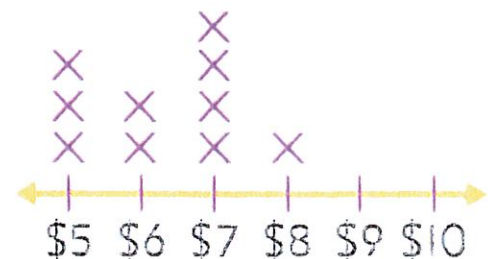
Practice

Use the data from the line plot to answer the questions.

1. How many people get \$5? _____

My Friends' Allowances

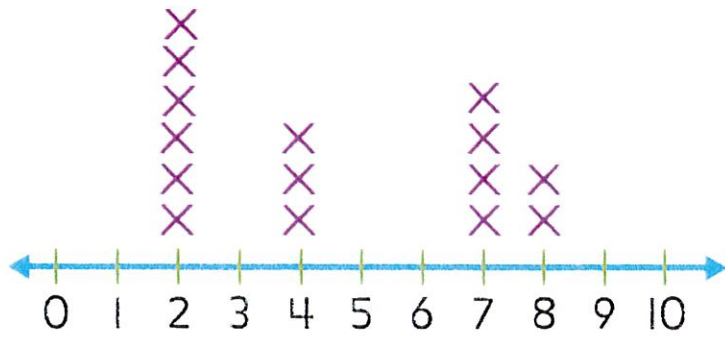
2. How much allowance do most people get?



3. How many people get more than \$6?

Use the data from the line plot to answer the questions.

Number of Pennies



4. How many people found pennies? _____

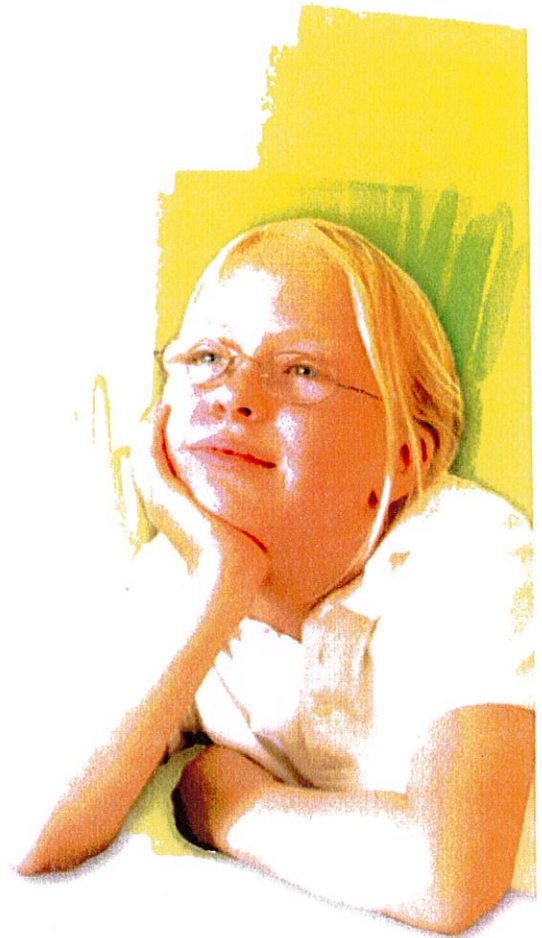
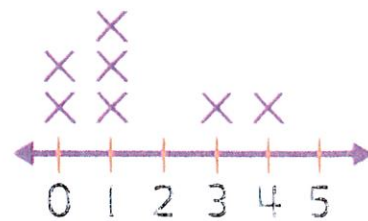
5. Did everyone find some pennies?

6. How many people found less than 5 pennies? Explain to a friend or family member how you know.

7. Test Practice How many people have 5 dogs?

- | | |
|-----------------------|-----------------------|
| 3 | 2 |
| <input type="radio"/> | <input type="radio"/> |
| 1 | 0 |
| <input type="radio"/> | <input type="radio"/> |

Number of Dogs



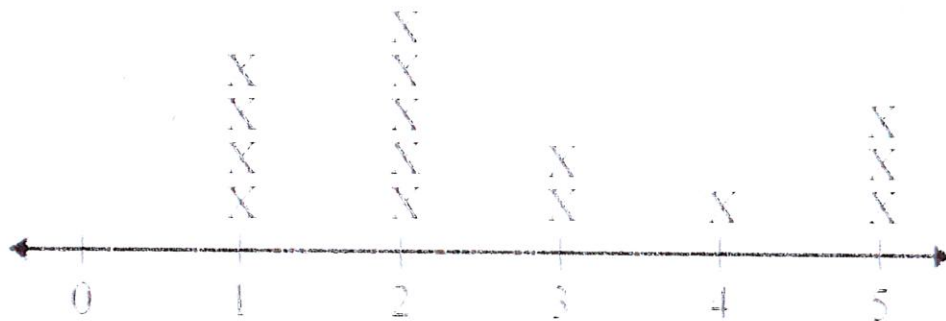
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Math at Home Make a line plot about the number of healthy food choices your child makes each day. Ask your child questions about the line plot at the end of a week.

Lesson 8 Reteach*Analyze Line Plots*

Connor made this line plot to show the number of blocks students walk each day to school. Each X represents one student. Use the line plot to answer the questions.



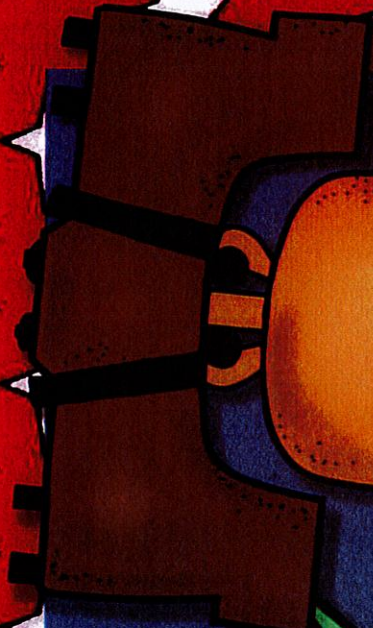
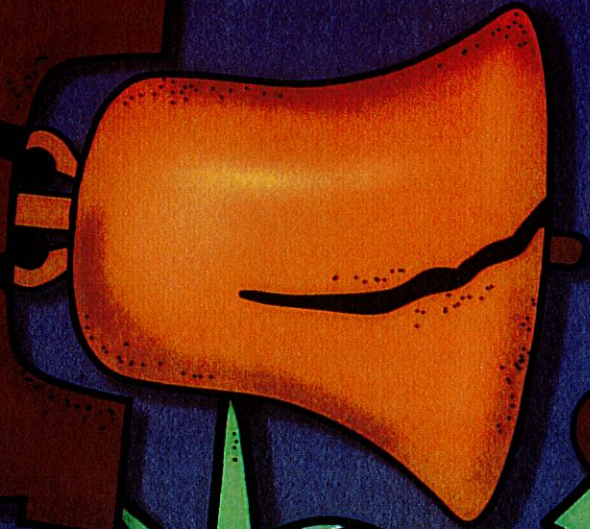
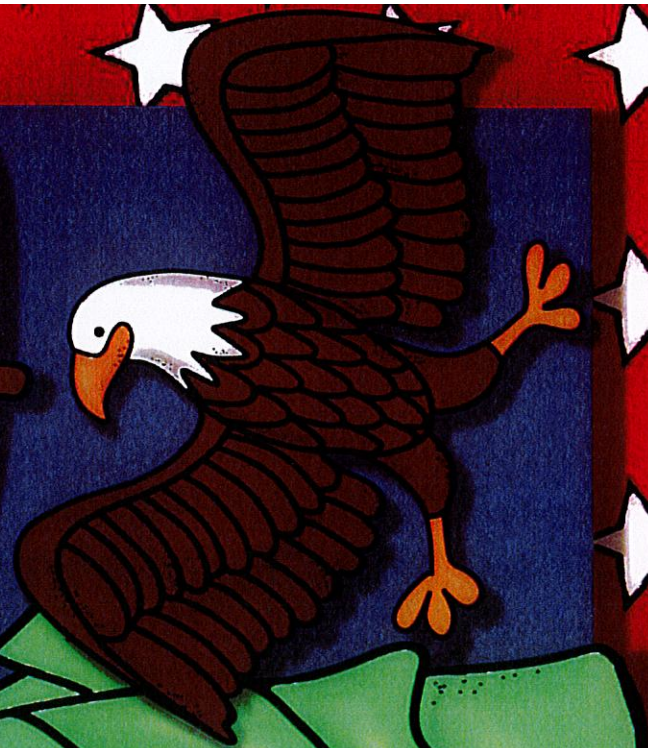
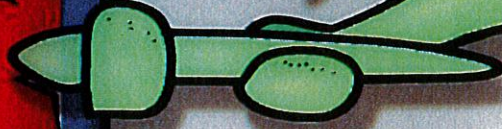
1. Look at the number of Xs above the 1. How many students walk 1 block?
_____ students

2. Look at the number of Xs above the 2 and 3. How many students walk 2 or 3 blocks to school?
_____ students

3. Look at the number of Xs above the 2 and 5. How many more students walk 2 blocks than 5 blocks?
_____ students

**My
Book
of
American
Symbols**

FREEBIE!



Directions:

1. Copy cover for each student. Student draws a patriotic portrait of themselves.
2. Read about one or all of the symbols using the information cards.
3. Copy one "fact page" for each of the 6 symbols...6 pages per student.
4. Cut out one symbol "coin" from the "symbols" page. Glue to fact page.
5. Fact Page: Fill in the symbol's name, and write 2 facts about that symbol.
6. Use the fact page for each of the 6 symbols featured.
7. Staple "My Book of American Symbols" book together.

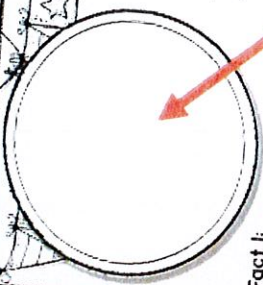
Symbol Book Cover

MY Book of American Symbols

By: _____



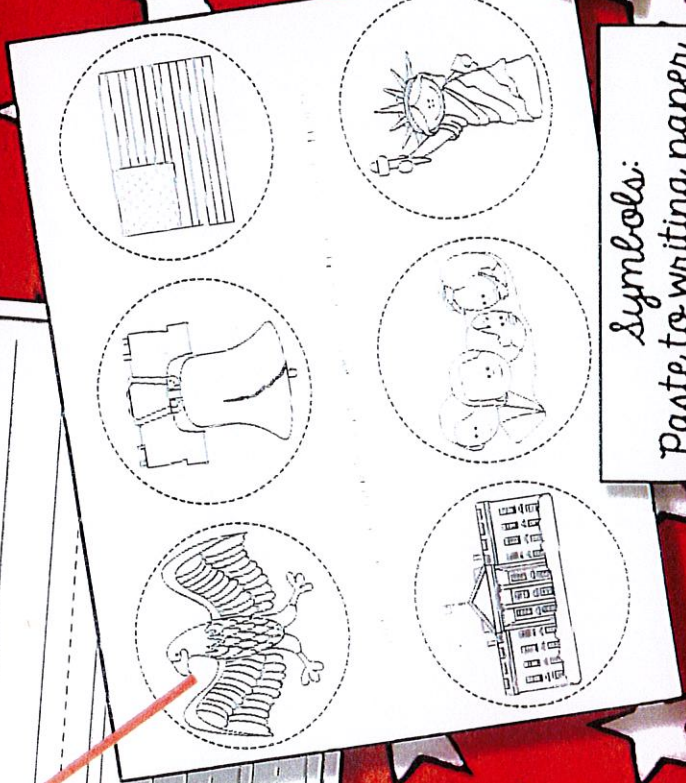
Symbol: _____



Fact 1: _____

Fact 2: _____

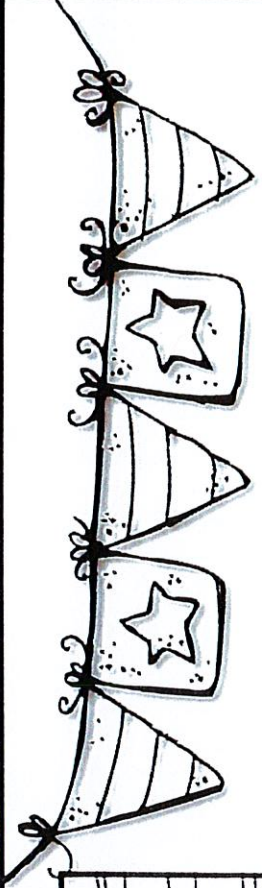
"Fact Page" Writing Paper



Symbols: Paste to writing paper

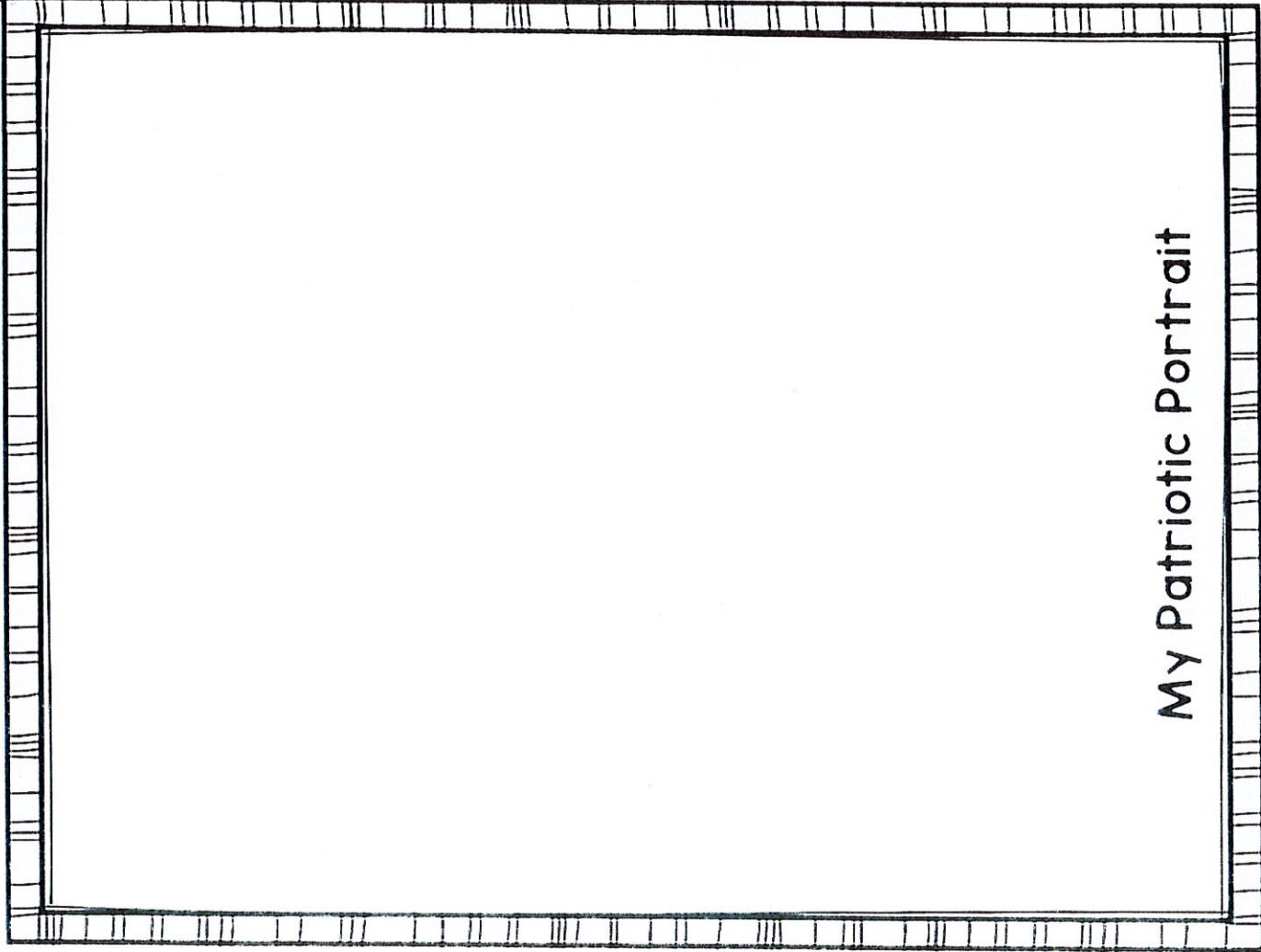


Informational Card

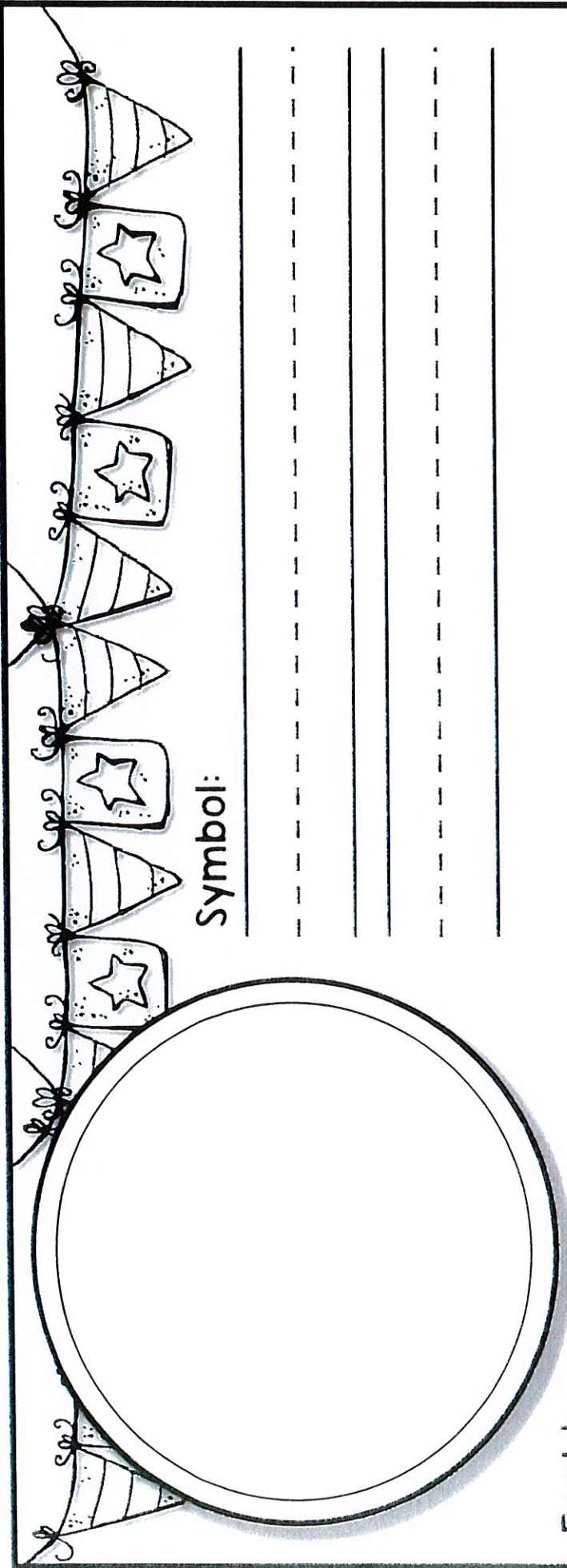


My Book of American Symbols

By:



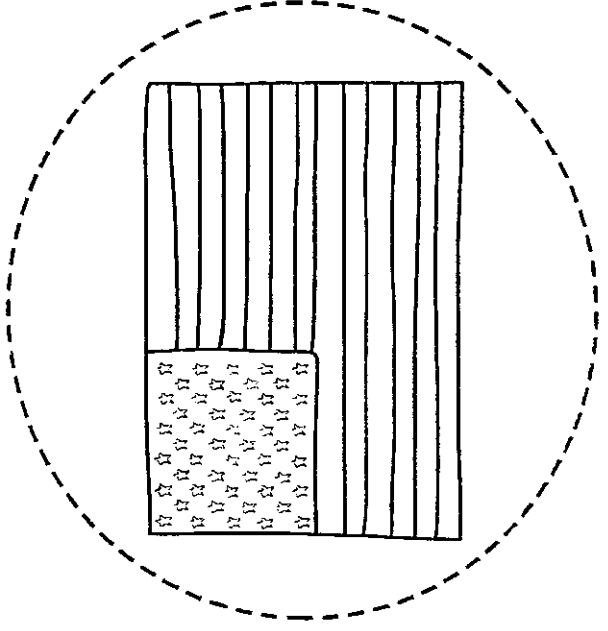
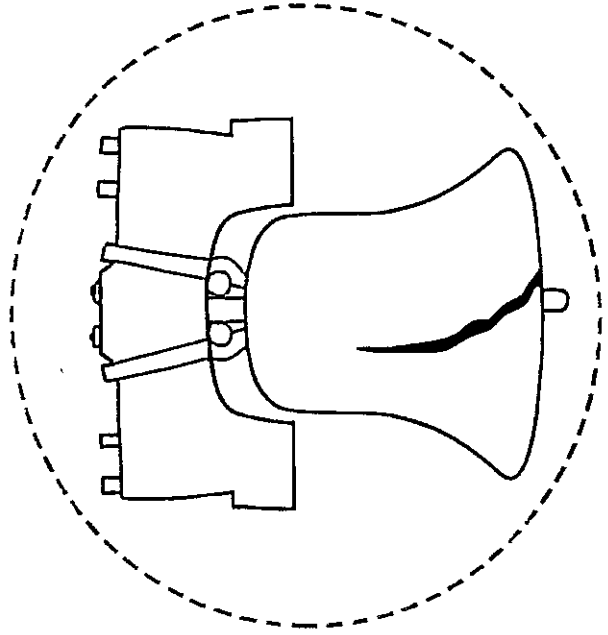
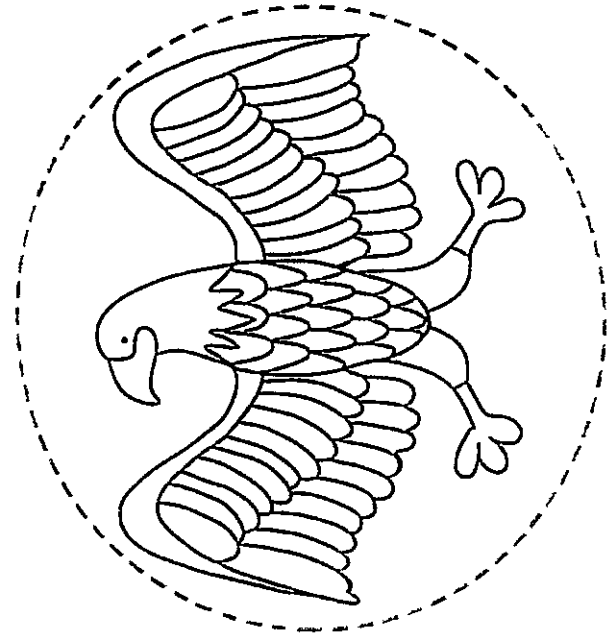
My Patriotic Portrait



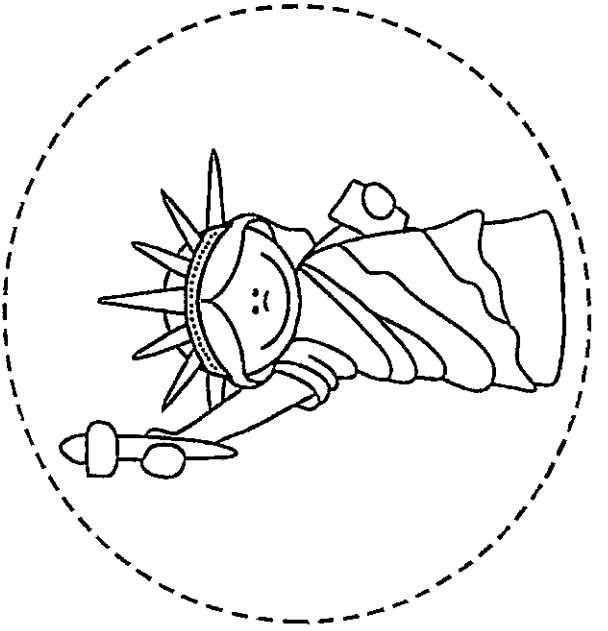
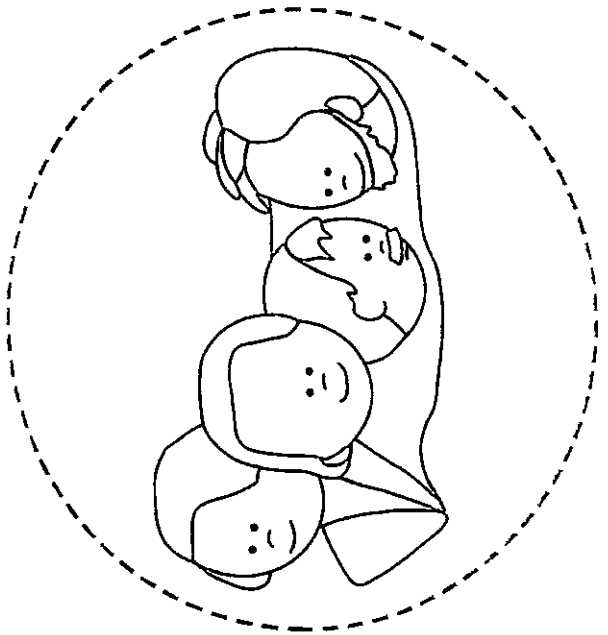
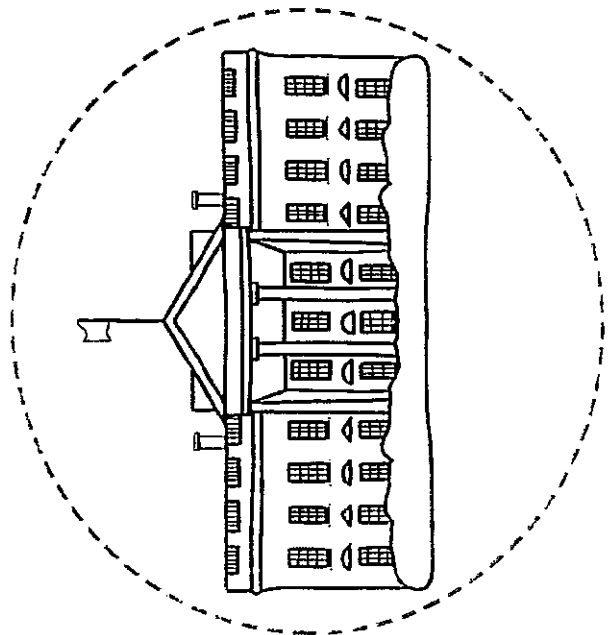
Symbol:

Fact 1:

Fact 2:



Symbols copy one page for each student Cut and place on writing paper

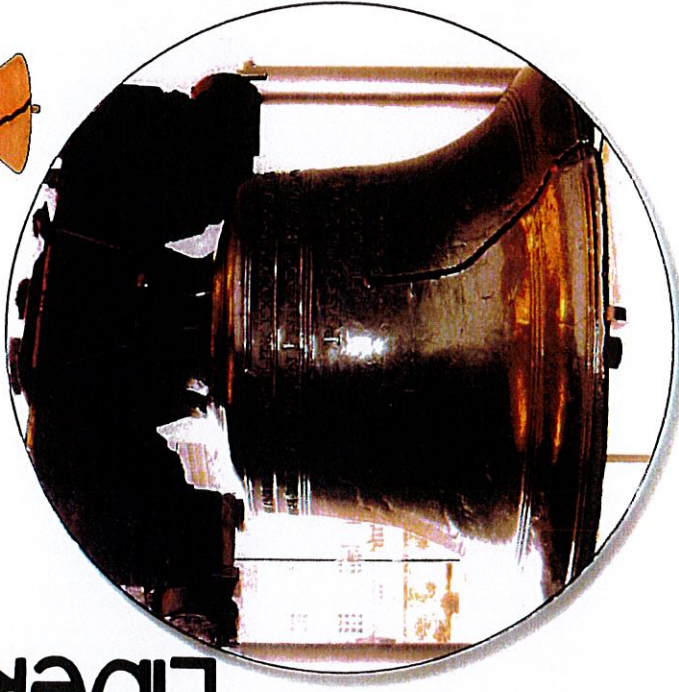
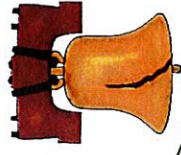


Bald Eagle



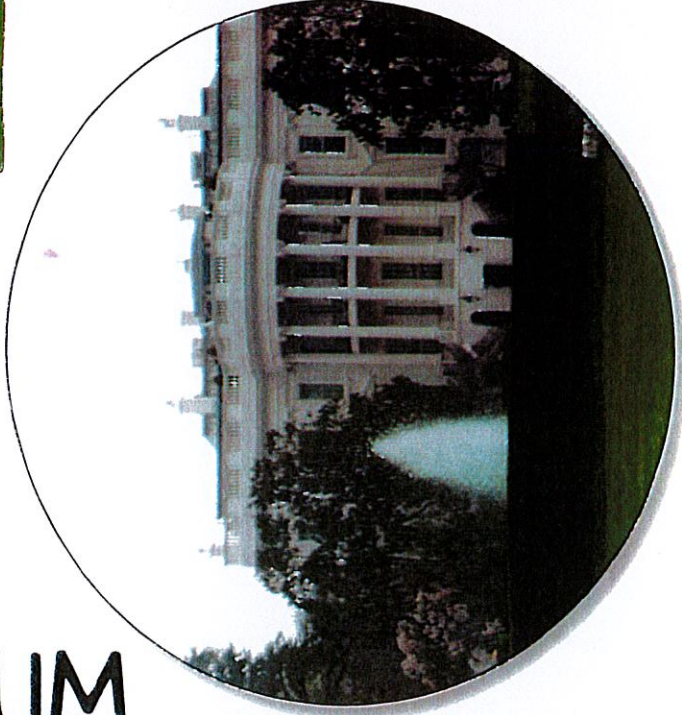
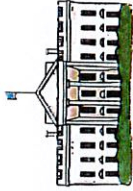
The bald eagle has been the national symbol of the United States since June 20, 1782. The bald eagle is an endangered species and is the only unique eagle found on the North America continent. The bald eagle gets its name from an old English word, "balde" which means "white," not "hairless." You can find bald eagles in every U.S. state except Hawaii. 80% of the bald eagles in the United States are found in Alaska.

Liberty Bell



The Liberty Bell is a huge bronze bell that symbolizes freedom in the United States of America. This historic bell is located in Philadelphia, Pennsylvania. The bell was originally cast in 1752 in London, England. It was commissioned as a bell for the Pennsylvania State House (now called Independence Hall). The crack: The bell first cracked during a test ringing. After cracking, the bell was recast twice in 1753 in Philadelphia.

White House



The White House is the official residence of the President of the United States of America, and has been for over 200 years. It is located at 1600 Pennsylvania Avenue in Washington, D.C., the capital city of the USA.

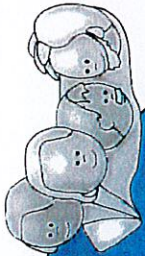
The first US President to live in the White House was John Adams (the second President of the USA).

American Flag



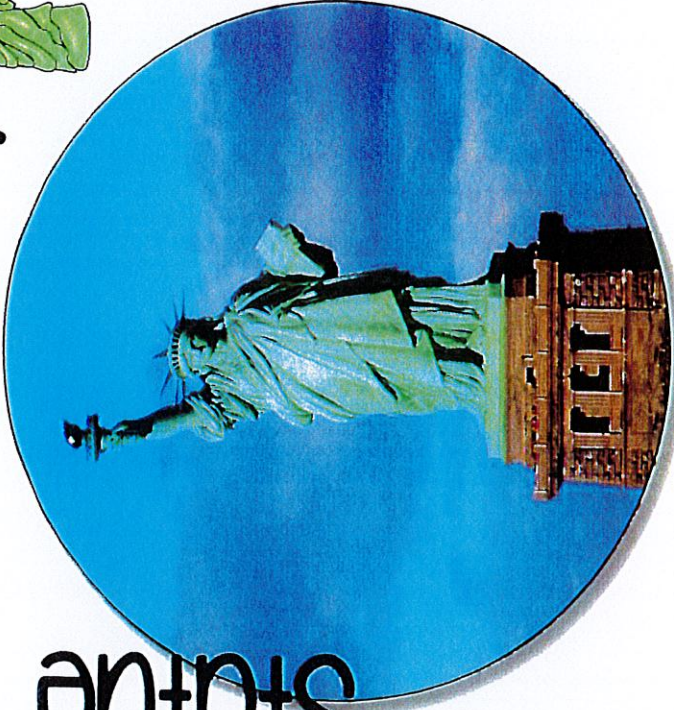
The flag of the United States of America is a national flag and has 7 red stripes and 6 white stripes. These 13 stripes stand for the 13 original colonies. The flag also has a blue canton, a rectangle in the top left corner. The canton has one white star for every state. The flag is also often called the stars and stripes, the star-spangled banner, or old glory.

Mount Rushmore



Mt. Rushmore National Memorial is a huge mountain sculpture of four US Presidents, located near Keystone, in the Black Hills of South Dakota. The Presidents depicted are: George Washington, Thomas Jefferson, Theodore "Teddy" Roosevelt, and Abraham Lincoln. These four Presidents were chosen to represent the founding, growth and preservation of the United States. Due to bad weather and funding, Mount Rushmore took 14 years to complete.

Statue of Liberty



The Statue of Liberty is a huge sculpture that is located on Liberty Island in New York Harbor. This monument was a gift to the USA from the people of France in recognition of the French-American alliance during the American Revolution. The seven rays of Liberty's crown symbolize the seven seas and seven continents of the world. Liberty holds a tablet in her left hand that reads "JULY 4, 1776" (1776 is written in Roman numerals, MDCCCLXXVI).

Thank you for downloading

**"My Book of American
Symbols" FREEBIE**

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Awesome Graphics By:



Bald Eagles

Brought to you by Science Gal



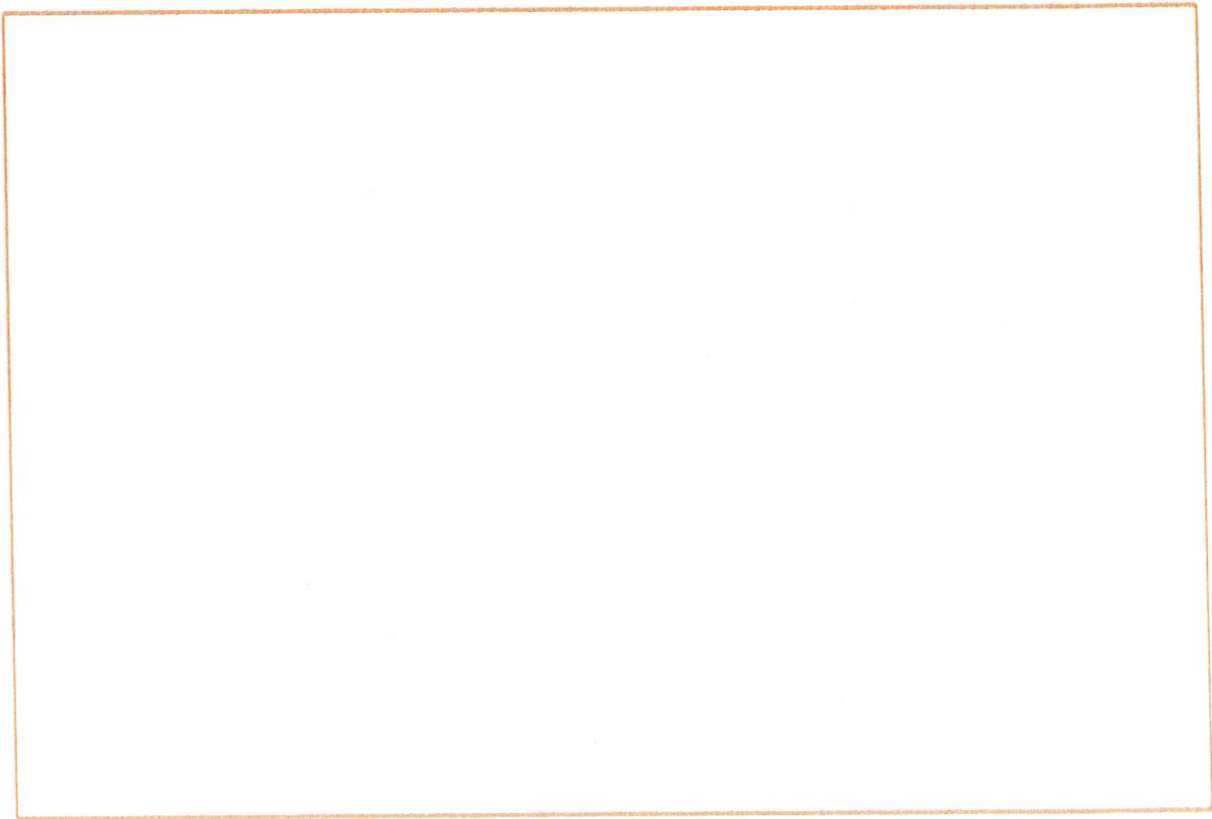
Science Gal



Bald Eagles

Did you know that Bald Eagles are coming back? They used to be endangered, but now they are doing well and living all over the United States, Canada and northern Mexico. Bald eagles like to live near lakes, rivers, marshes and seacoasts. Can you guess what they like to eat? That's right...they eat fish as well as small mammals and other birds. Bald eagles are a hunter which means they are predators and carnivores. Can you draw a food chain with the eagle at the top of the chain?

Food Chain



Thank you for downloading this resource. I hope you will visit me at

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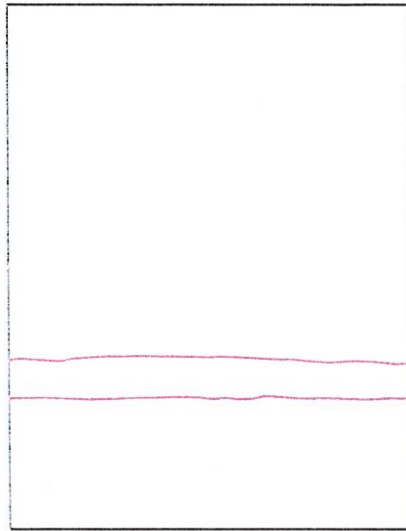


Science Gal...

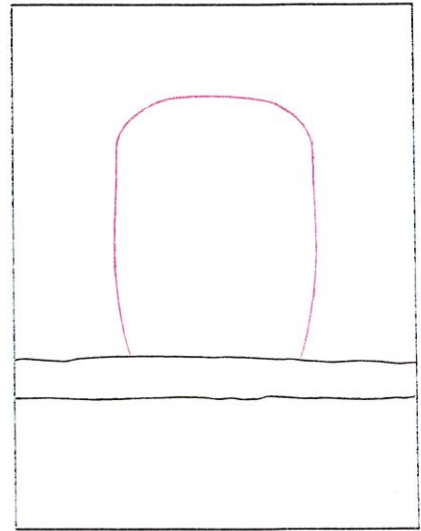
Draw a Bald Eagle



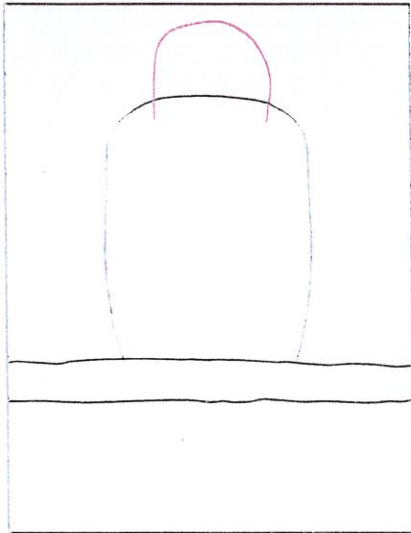
Supplies: Marker, watercolor paint



1. Make guide lines. Draw branch.



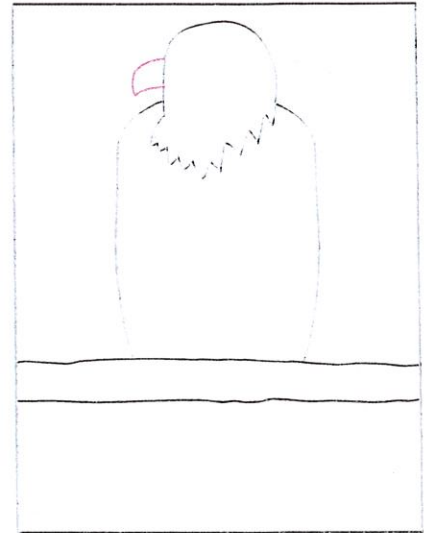
2. Start the body.



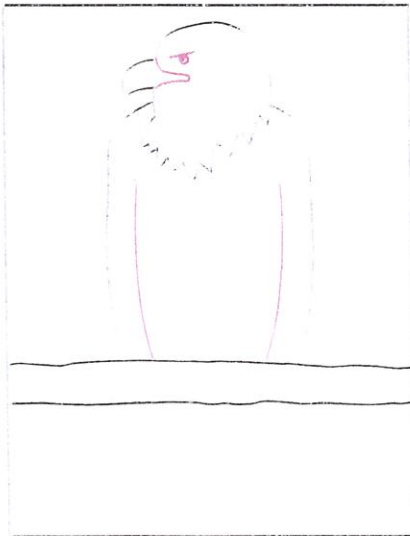
3. Draw the top of the head.



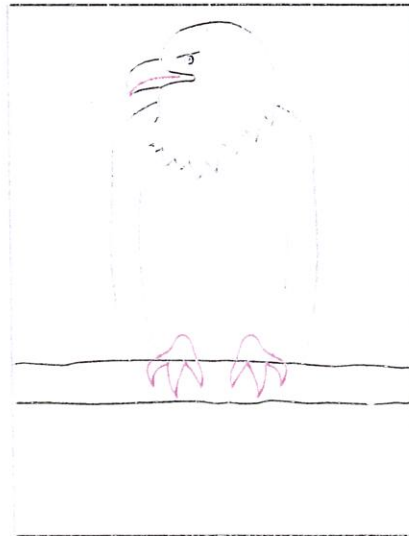
4. Draw the bottom of the head.



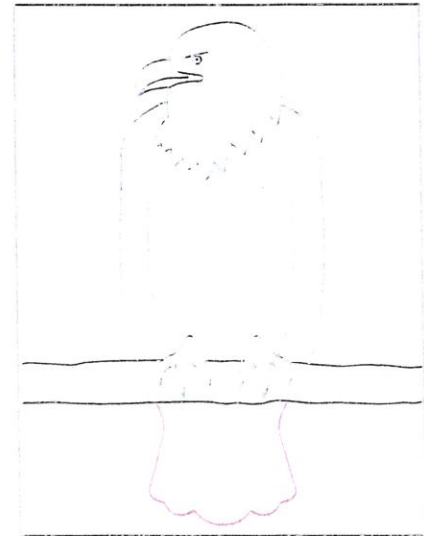
5. Add the beak.



6. Finish the face, add wing lines.

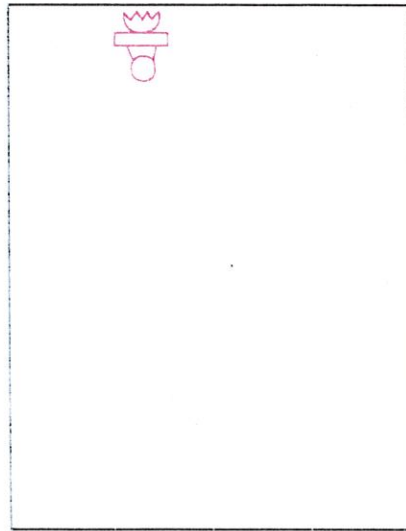


7. Finish beak. Draw two feet.

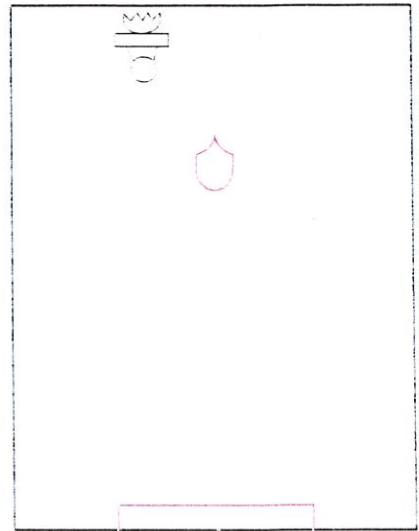


8. Erase inside of feet. Draw tail.

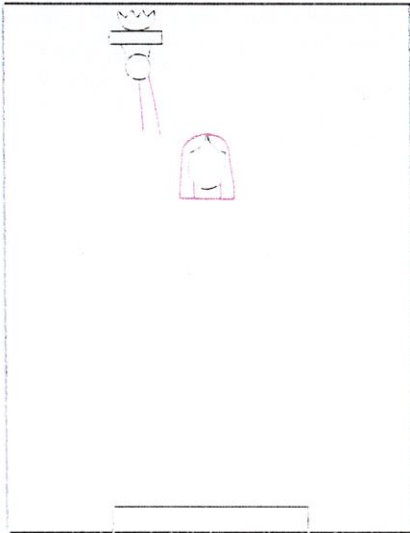
Draw the Statue of Liberty



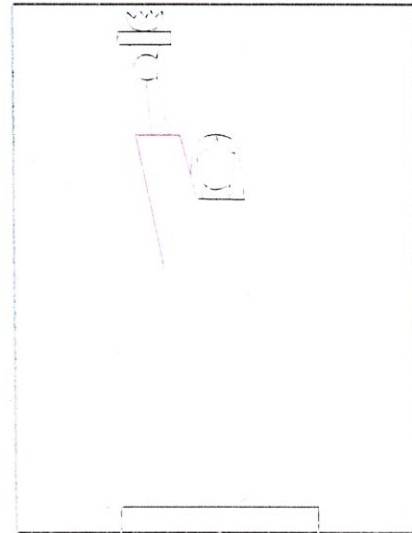
1 Make guide lines. Draw torch, hand,



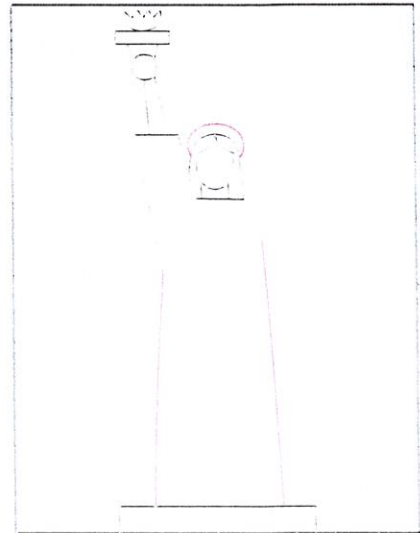
2 Draw the face and pedestal



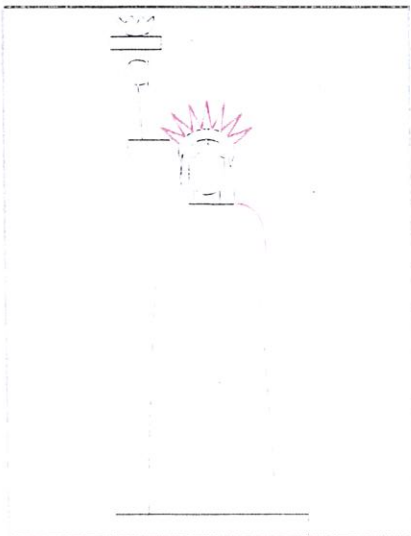
3 Add the arm, hair and neck line



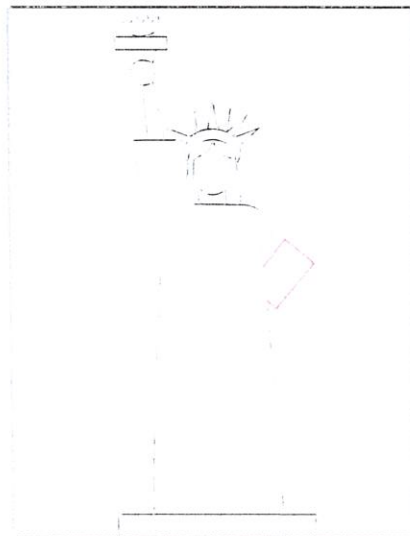
4 Draw the sleeve



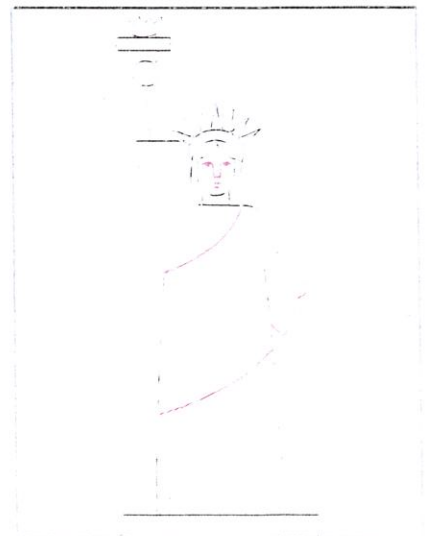
5 Finish the sketch and draw in



6 Add the color to the face and crown



7 Add the color to the tablet and base



8 Add the color to the dress and background

Connect



Read this Social Studies Connection.

You will answer the questions as a class.

Text Feature

A **bulleted list** organizes words and phrases without a numbered order.

American Citizen

When you read "United States Citizenship," you learned about two ways to become an American **citizen**. All citizens have certain **rights** and responsibilities.

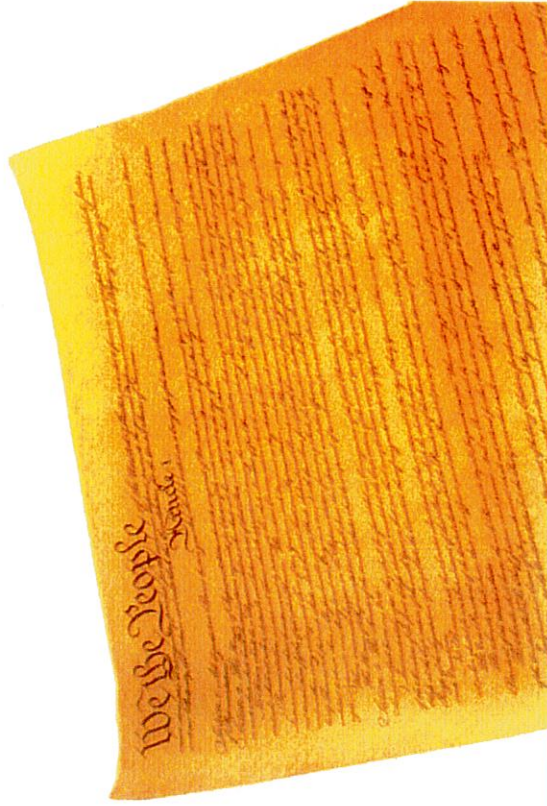
The United States Constitution is the set of rules that were written as a basis for the American government. It lists the rights that citizens have. These rights include the following freedoms:

- Practice any religion
- Speak freely
- Protest against the government
- Get a fair trial if you are accused of a crime
- Be able to vote for people to represent you in government

Citizen responsibilities include:

- Paying taxes to fund government responsibilities
- Obeying laws that the government makes

1. What Constitutional rights do you use? Compare and contrast one right with one responsibility listed in this article.
2. What is the difference between a right and a responsibility?



Go Digital

Search for a politician who represents your town or your state. Find information about him or her.

212-213

Essential Question
 In what ways does the Statue of Liberty represent our country?

Statue OF LIBERTY

by Myra Cohn Livingston

Give me your tired, your poor, she says,
 Those yearning to be free.
 Take a light from my burning torch,
 The light of Liberty.

Give me your huddled masses
 Lost on another shore,
 Tempest-tossed and weary,
 These I will take and more.

Give me your thirsty, your hungry
 Who come from another place.
 You who would dream of freedom
 Look into my face.

212

213



Brain Builders

Write Math

Can you use a line plot to show data about favorite color?



Brain Builders

Write Math

Can you use a line plot to show data about favorite color?

Sample answer: No, you can only use a line plot

to show data about how often numbers occur in

your data.

MY Homework

Practice

Use the tally chart to make a line plot.

I.

Siblings	Tally
0	
1	
2	
3	



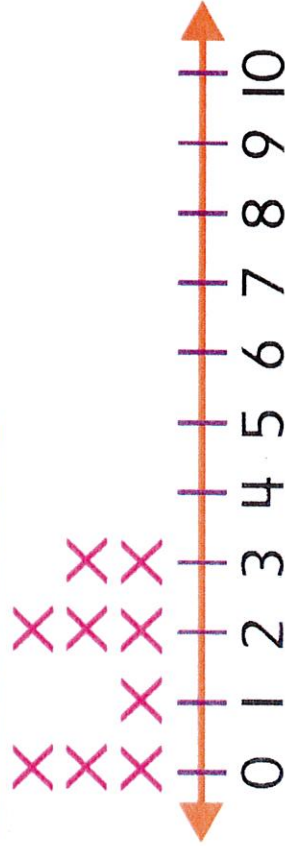
MY Homework

Practice

Use the tally chart to make a line plot.

1.

Siblings	Tally
0	
1	
2	
3	



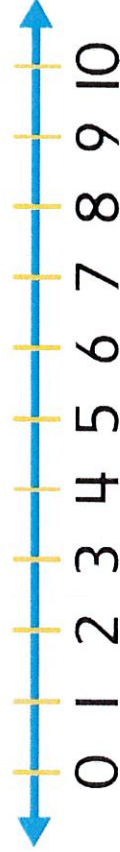
MY Homework

Practice

Use the tally chart to make a line plot.

2.

Second Grade Classes	Tally
1	
2	
3	
4	

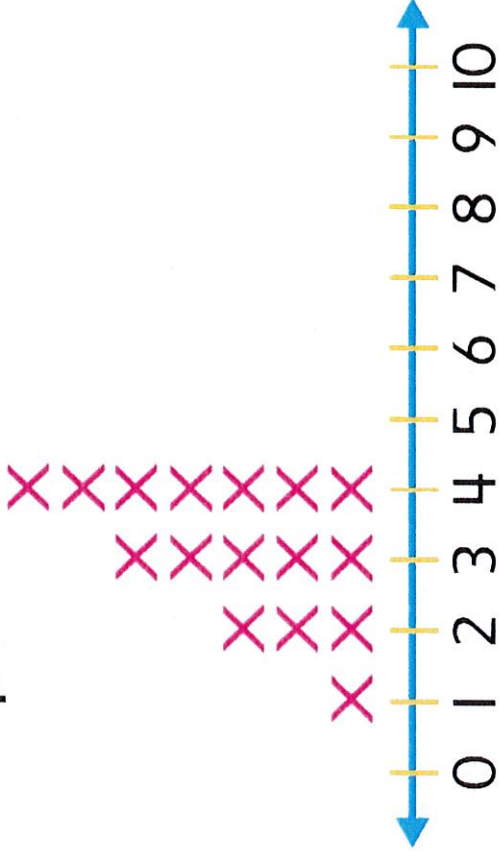


MY Homework

Practice

Use the tally chart to make a line plot.

Second Grade Classes	Tally
1	
2	
3	
4	



MY Homework

3.

Swings	Tally
5	
6	
7	
8	



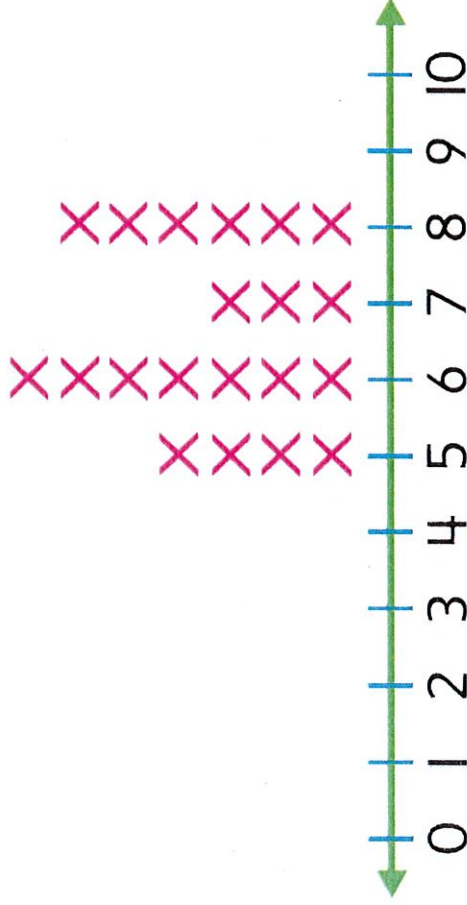
Explain to a friend or family member how you made the line plot.

MY Homework

Brain Builders

3.

Swings	Tally
5	
6	
7	
8	

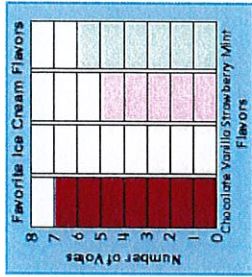


Explain to a friend or family member how you made the line plot.



Vocabulary Check

4. Circle the line plot.



Name _____

Lesson 7 Reteach

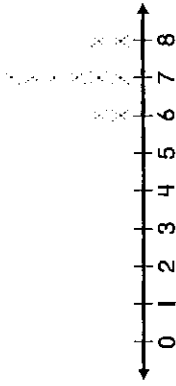
Make Line Plots

Line plots are used to show data when you want to see how often a certain number occurs in your data.

Use the information in the chart to complete the line plot.

1. Students' Ages

Age: 6	Sam	Josiah				
Age: 7	Morgan	Jake	Harper	Hayden	Megan	Ryder
Age: 8	Lucia	Avery				



2. Number of Pets

Pets: 1	Mason	Jacob	Kaylee	Layla	
Pets: 2	Raul	Emilia	Jeff	Millie	Jaden
Pets: 3	Pablo	Mario			



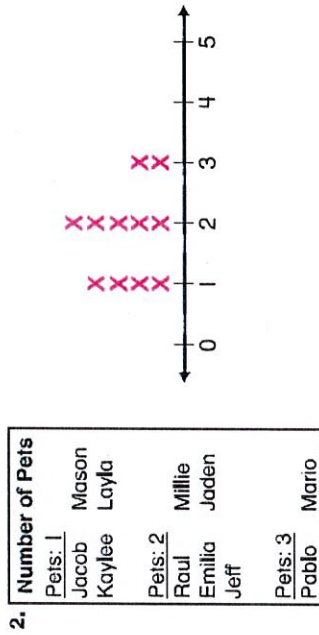
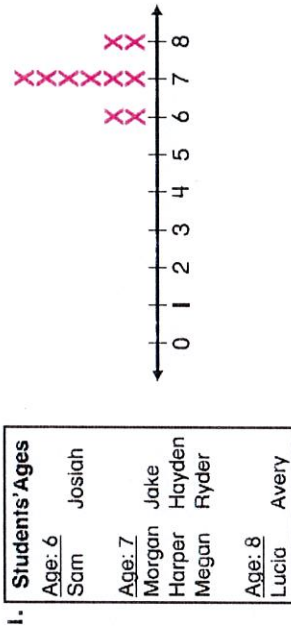
Name _____

Lesson 7 Reteach

Make Line Plots

Line plots are used to show data when you want to see how often a certain number occurs in your data.

Use the information in the chart to complete the line plot.



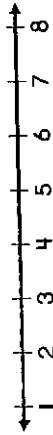
Name _____

Lesson 7 Enrich

Make Line Plots

Use the information in the chart to complete the line plot. Then solve.

1. Three of the players on the basketball team scored 6 points each. Perla and Cecilia each scored 8 points. Riley, Olivia, and Peyton scored 2 points.



How many players scored 8 points? _____ players

2. Six of the players on the hockey team scored 2 goals each this season. Landon, Dylan, and Ben scored 3 goals. Jack and Ethan scored 4 goals.



How many players scored 3 or 4 goals?
_____ players

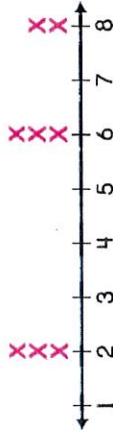
Name _____

Lesson 7 Enrich

Make Line Plots

Use the information in the chart to complete the line plot. Then solve.

1. Three of the players on the basketball team scored 6 points each, Perla and Cecilia each scored 8 points, Riley, Olivia, and Peyton scored 2 points.



How many players scored 8 points? 2 players

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2. Six of the players on the hockey team scored 2 goals each this season. Landon, Dylan, and Ben scored 3 goals. Jack and Ethan scored 4 goals.



How many players scored 3 or 4 goals?
5 players

Lesson 7 Reteach

Make Line Plots

Line plots are used to show data when you want to see how often a certain number occurs in your data.

Use the information in the chart to complete the line plot.

1. Students' Ages

Age: 6

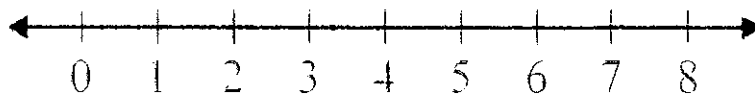
Sam Josiah

Age: 7

Morgan Jake
Harper Hayden
Megan Ryder

Age: 8

Lucia Avery



2. Number of Pets

Pets: 1

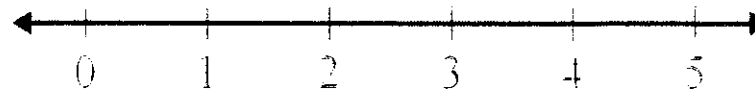
Jacob Mason
Kaylee Layla

Pets: 2

Raul Millie
Emilia Jaden
Jeff

Pets: 3

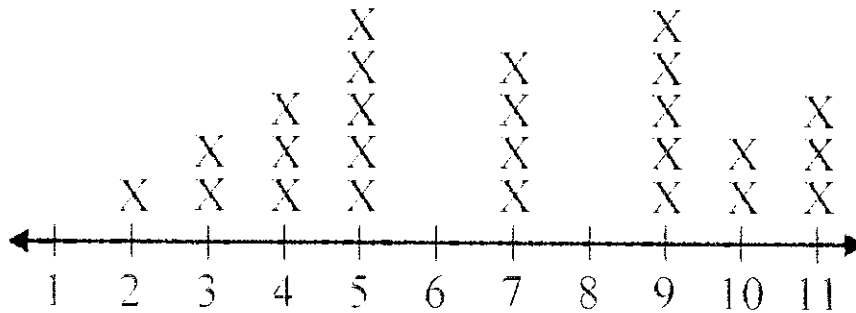
Pablo Mario



Lesson 8 Enrich

Analyze Line Plots

This line plot shows the number of sticks each person collected for the campfire. Each X represents one person. Use the line plot to answer the questions.



1. How many people in all collected sticks?

_____ people

2. How many people collected 4 sticks?

_____ people

3. How many people collected 4 or 3 sticks?

_____ people

4. How many more people collected 5 or 9 sticks than people who collected 2 or 3 sticks?

_____ + _____ = _____ _____ + _____ = _____

_____ - _____ = _____ people

Name _____

Lesson 8

Analyze Line Plots

My Homework

Homework Helper



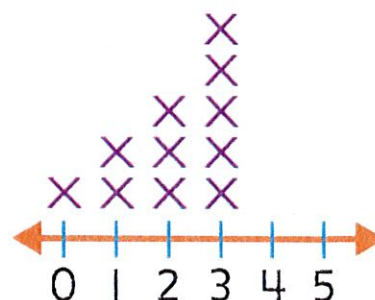
Need help? connectED.mcgraw-hill.com

You can answer questions from data in line plots.

How many friends have 3 dolls?

5 friends each have 3 dolls.

Number of Dolls



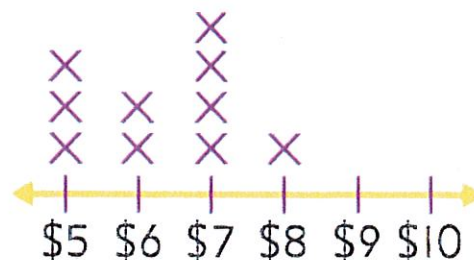
Practice

Use the data from the line plot to answer the questions.

1. How many people get \$5? _____

My Friends' Allowances

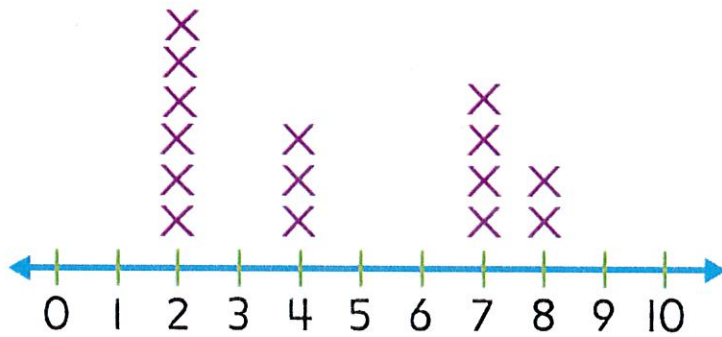
2. How much allowance do most people get?



3. How many people get more than \$6?

Use the data from the line plot to answer the questions.

Number of Pennies



4. How many people found pennies? _____

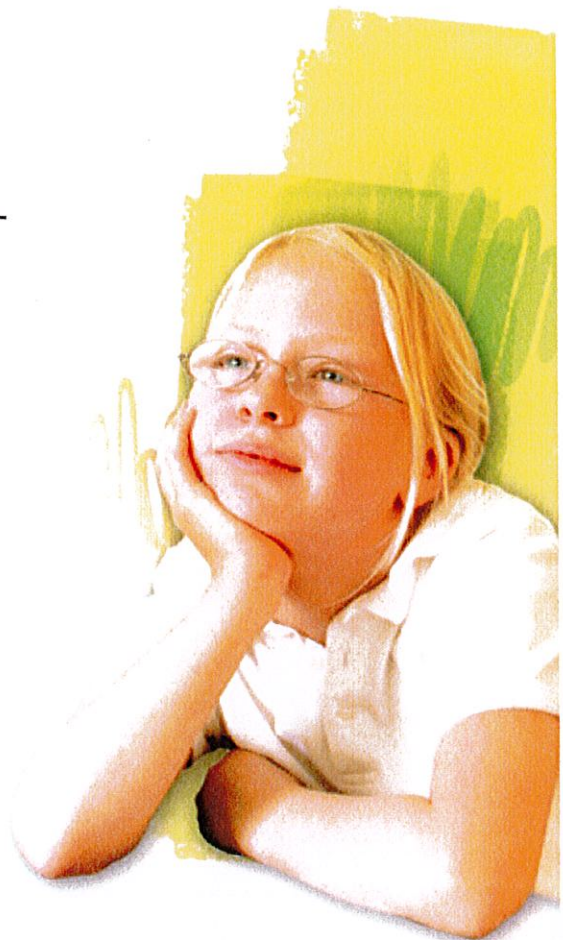
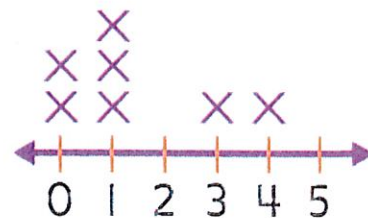
5. Did everyone find some pennies?

6. How many people found less than 5 pennies? Explain to a friend or family member how you know.

7. Test Practice How many people have 5 dogs?

- | | |
|-----------------------|-----------------------|
| 3 | 2 |
| <input type="radio"/> | <input type="radio"/> |
| 1 | 0 |
| <input type="radio"/> | <input type="radio"/> |

Number of Dogs

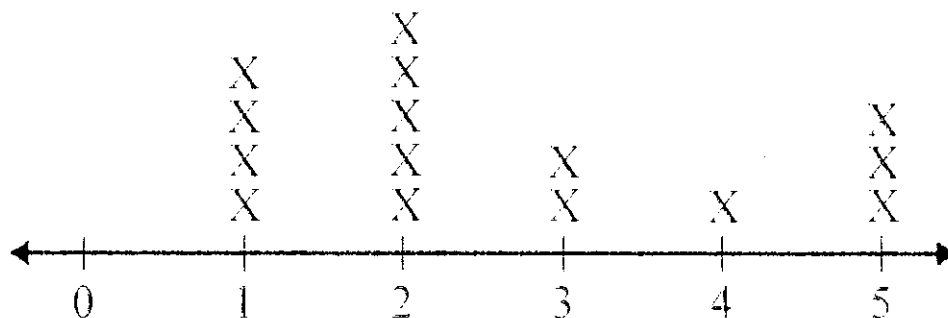


Math at Home Make a line plot about the number of healthy food choices your child makes each day. Ask your child questions about the line plot at the end of a week.

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Lesson 8 Reteach*Analyze Line Plots*

Connor made this line plot to show the number of blocks students walk each day to school. Each X represents one student. Use the line plot to answer the questions.



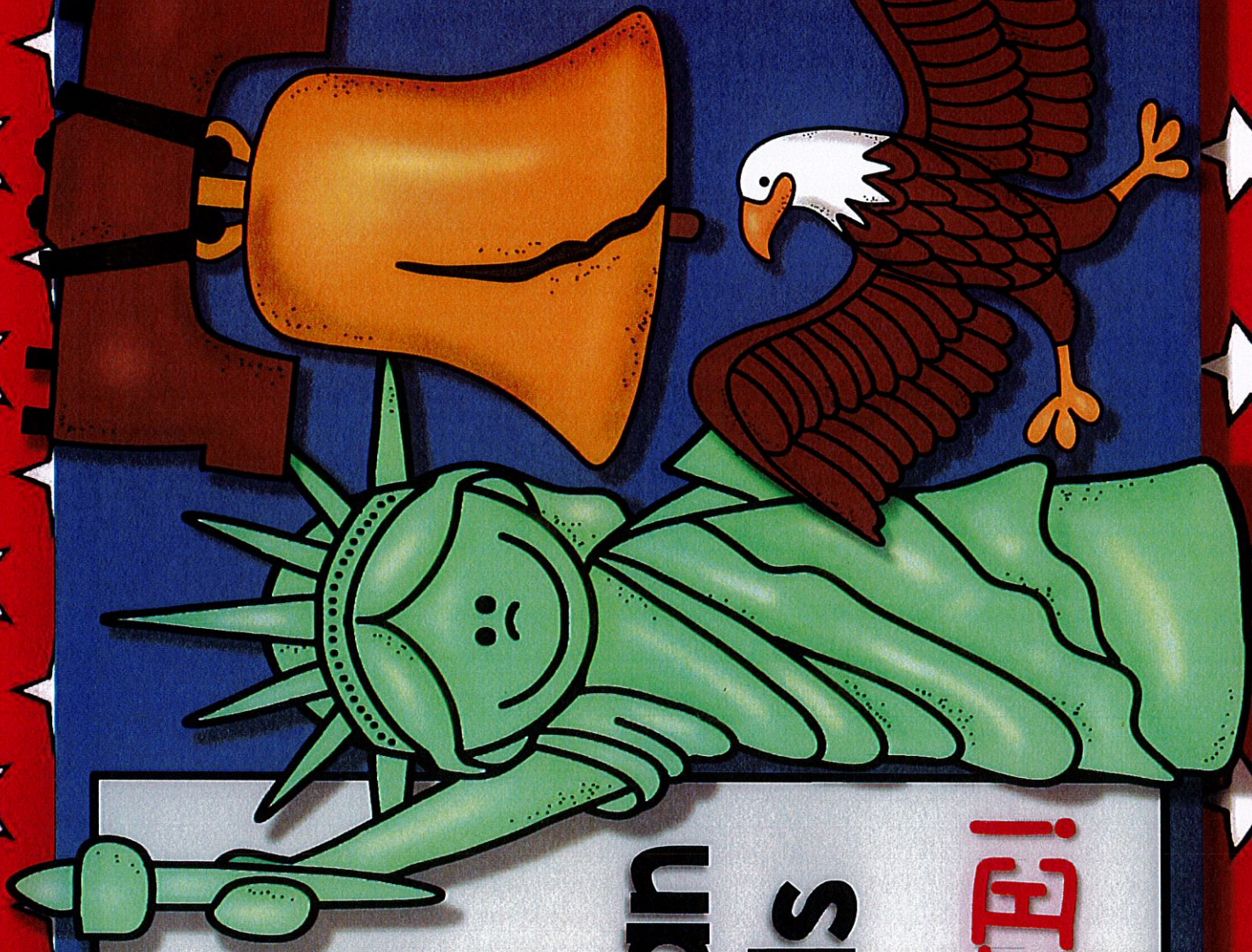
1. Look at the number of Xs above the 1. How many students walk 1 block?
_____ students

2. Look at the number of Xs above the 2 and 3.
How many students walk 2 or 3 blocks to school?
_____ students

3. Look at the number of Xs above the 2 and 5. How many more students walk 2 blocks than 5 blocks?
_____ students

**My
Book
of
American
Symbols**

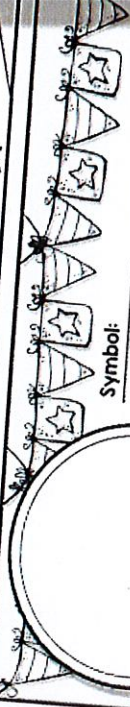
FREEBIE!



Symbol Book Cover

MY Book of American Symbols

BY:



Symbol:

Fact 1:

Fact 2:

"Fact Page" Writing Paper

Directions:

1. Copy cover for each student. Student draws a patriotic portrait of themselves.
2. Read about one or all of the symbols using the information cards.
3. Copy one "fact page" for each of the 6 symbols... 6 pages per student.
4. Cut out one symbol "coin" from the "symbols" page. Glue to fact page.
5. Fact page: fill in the symbol's name, and write 2 facts about that symbol.
6. Use the fact page for each of the 6 symbols featured.
7. Staple "My Book of American Symbols" book together.

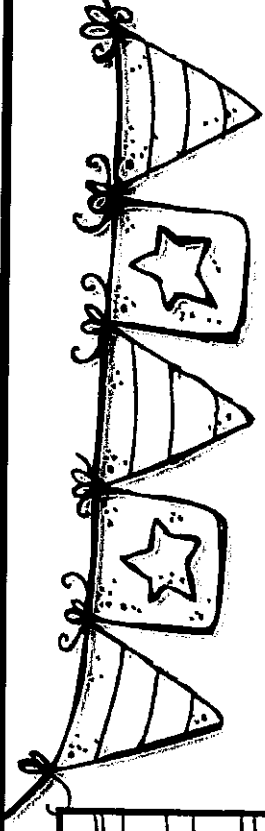
Bald Eagle

The bald eagle has been the national symbol of the United States since 1782. In 1782, the bald eagle is not in America anymore. The bald eagle is not there from an old English word "bald" which means "white" but "hairs". You can find bald eagles in every United States but found in Alaska.

Informational Card

Circle the symbols you like to use for your book.

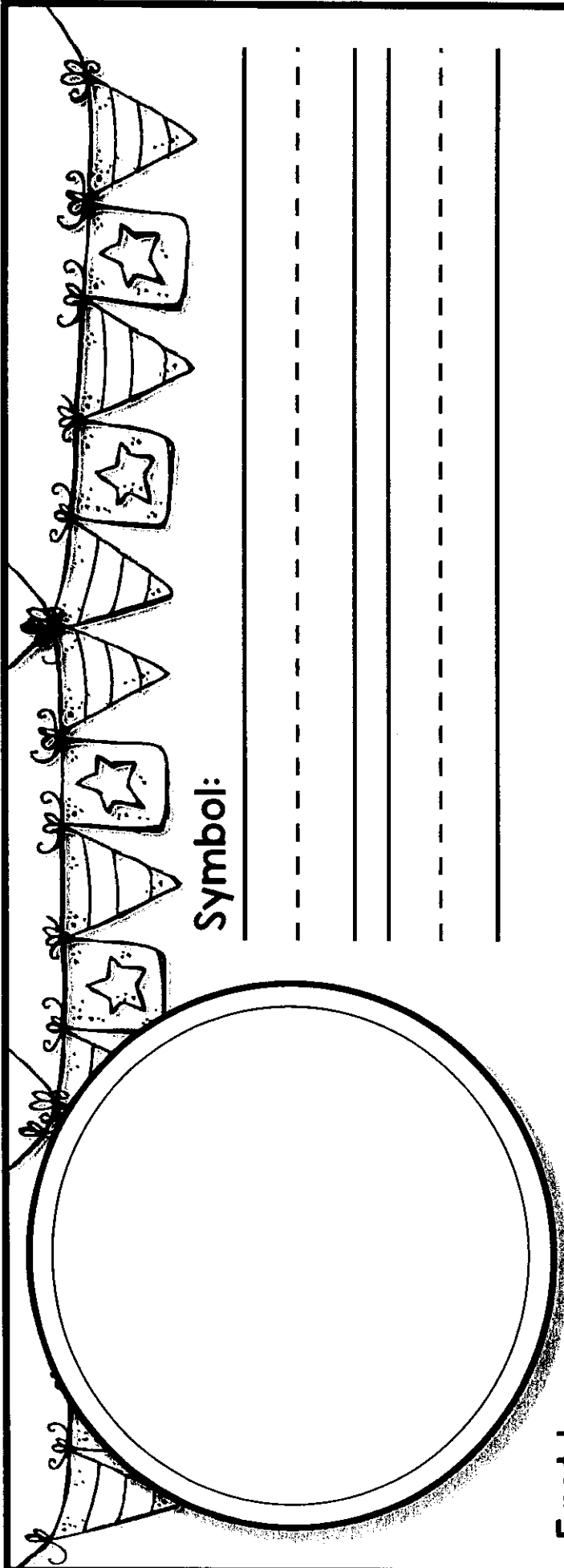
*Symbols:
Paste to writing paper*



My Book of American Symbols

By:

My Patriotic Portrait



Symbol:

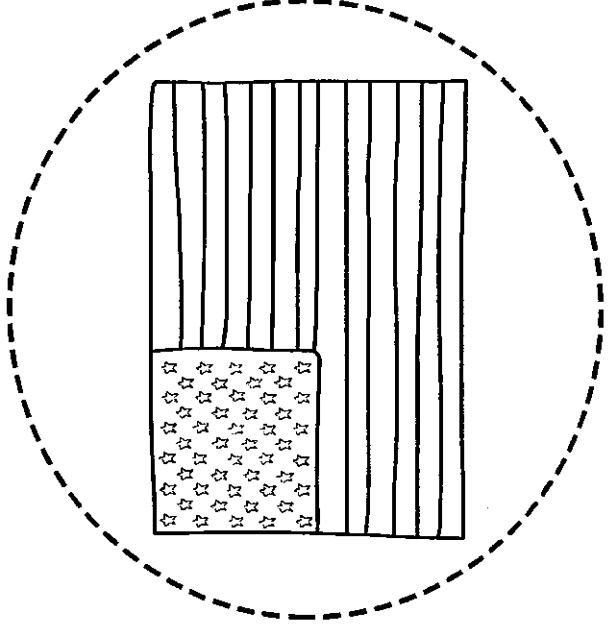
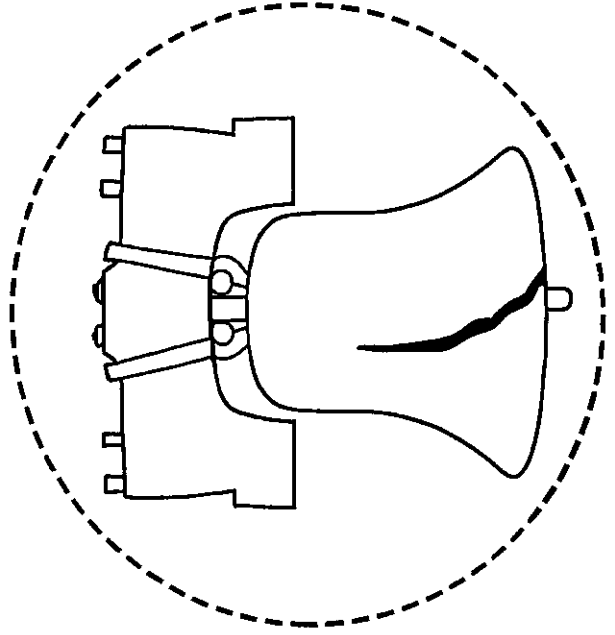
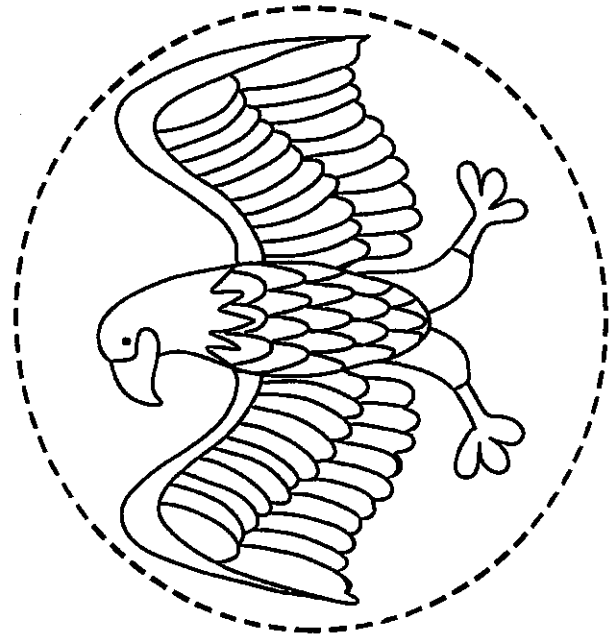
Four sets of handwriting lines, each consisting of a solid top line, a dashed middle line, and a solid bottom line.

Fact 1:

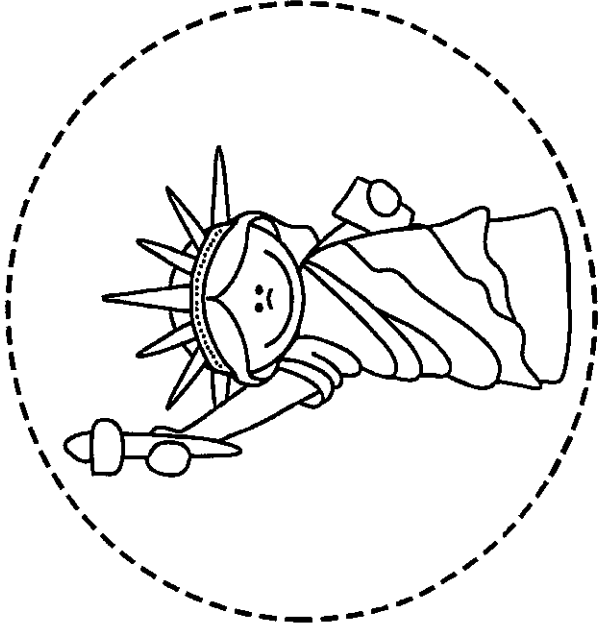
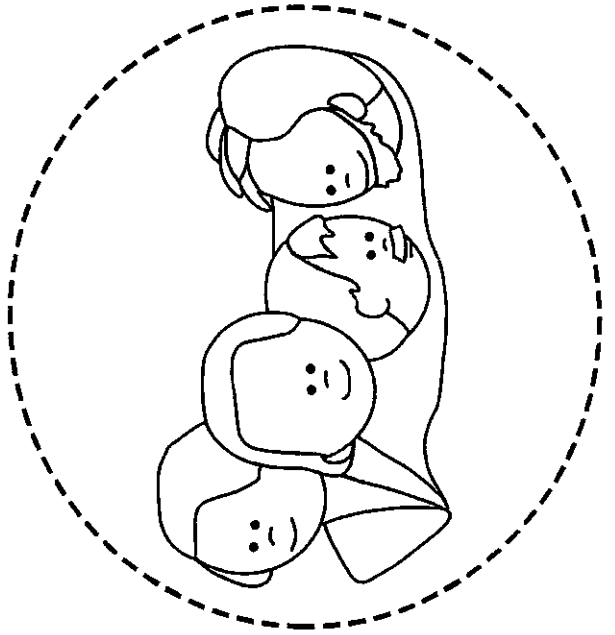
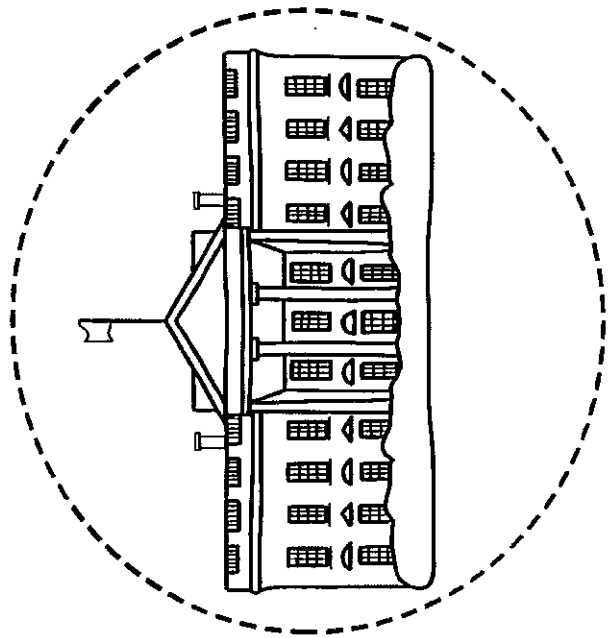
Four sets of handwriting lines, each consisting of a solid top line, a dashed middle line, and a solid bottom line.

Fact 2:

Four sets of handwriting lines, each consisting of a solid top line, a dashed middle line, and a solid bottom line.



Symbols copy one page for each student Cut and place on writing paper

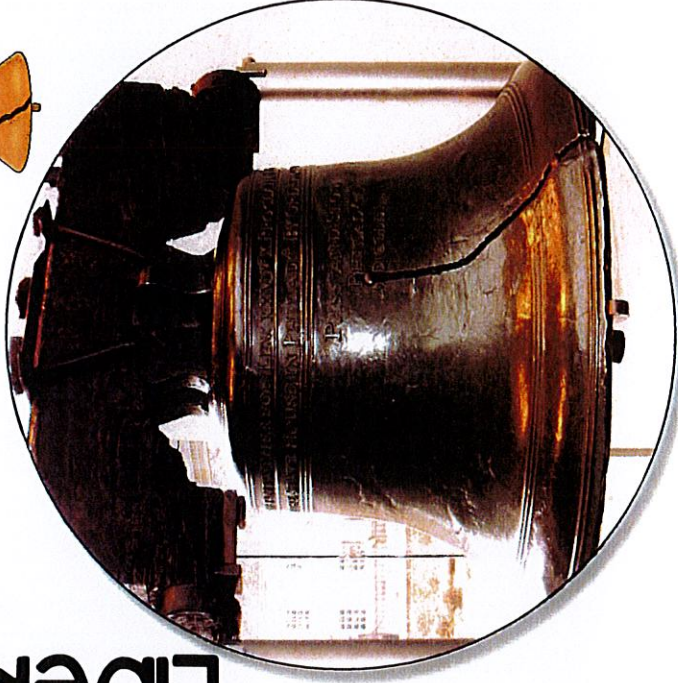
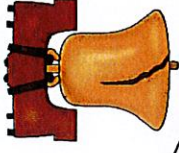


Bald Eagle



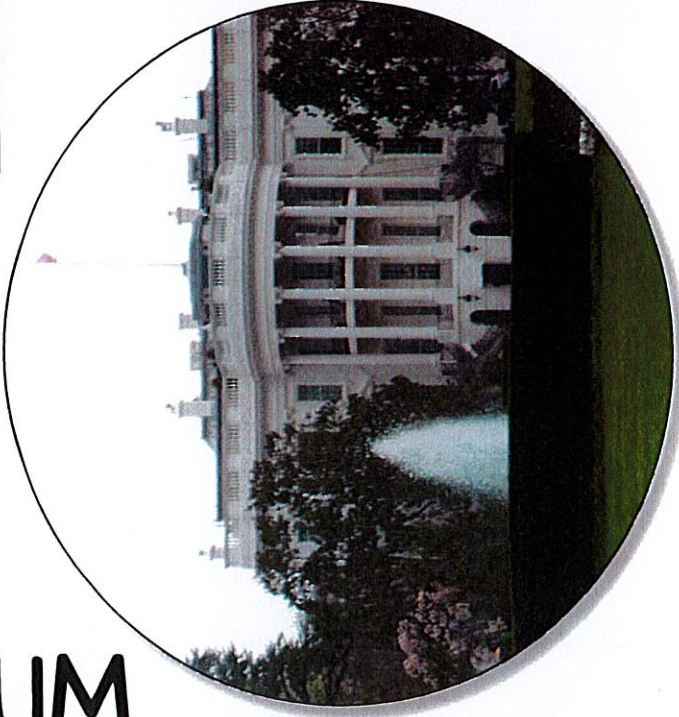
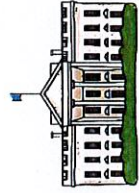
The bald eagle has been the national symbol of the United States since June 20, 1782. The bald eagle is an endangered species and is the only unique eagle found on the North America continent. The bald eagle gets its name from an old English word, "balde" which means "white," not "hairless." You can find bald eagles in every U.S. state except Hawaii. 80% of the bald eagles in the United States are found in Alaska.

Liberty Bell



The Liberty Bell is a huge bronze bell that symbolizes freedom in the United States of America. This historic bell is located in Philadelphia, Pennsylvania. The bell was originally cast in 1752 in London, England. It was commissioned as a bell for the Pennsylvania State House (now called Independence Hall).
The Crack: The bell first cracked during a test ringing. After cracking, the bell was recast twice in 1753 in Philadelphia.

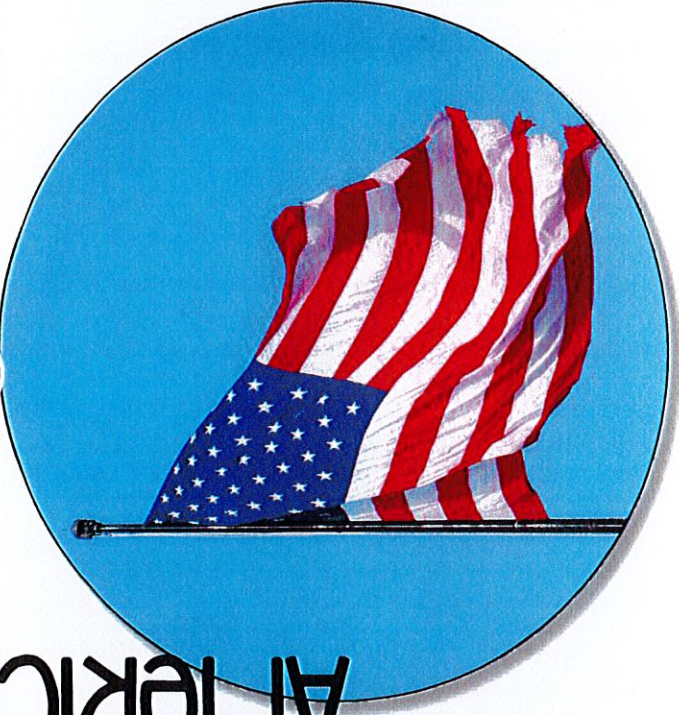
White House



The White House is the official residence of the President of the United States of America, and has been for over 200 years. It is located at 1600 Pennsylvania Avenue in Washington, D.C., the capital city of the USA.

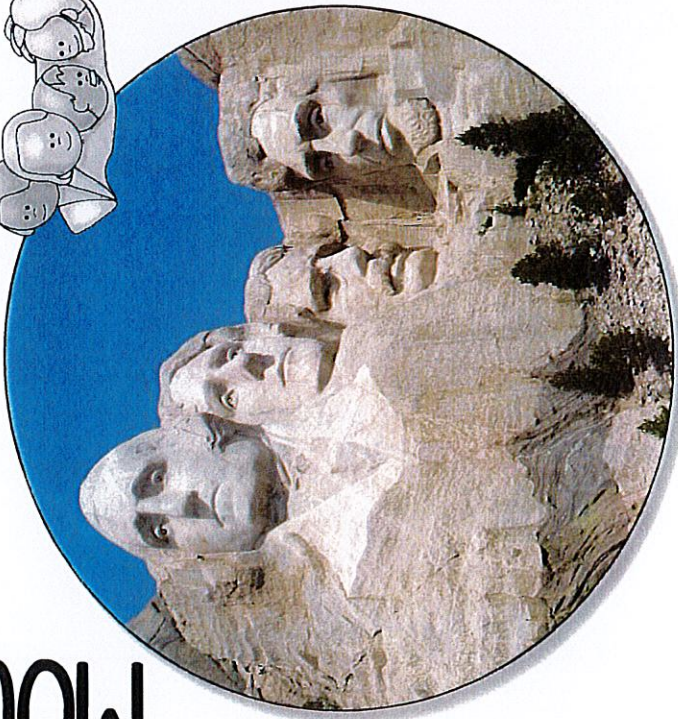
The first US President to live in the White House was John Adams (the second President of the USA).

American Flag



The flag of the United States of America is a national flag and has 7 red stripes and 6 white stripes. These 13 stripes stand for the 13 original colonies. The flag also has a blue canton, a rectangle in the top left corner. The canton has one white star for every state. The flag is also often called the stars and stripes, the star-spangled banner, or Old Glory.

Mount Rushmore



Mt. Rushmore National Memorial is a huge mountain sculpture of four US Presidents, located near Keystone, in the Black Hills of South Dakota. The Presidents depicted are: George Washington, Thomas Jefferson, Theodore "Teddy" Roosevelt, and Abraham Lincoln. These four Presidents were chosen to represent the founding, growth and preservation of the United States. Due to bad weather and funding, Mount Rushmore took 14 years to complete.

Statue of Liberty



The Statue of Liberty is a huge sculpture that is located on Liberty Island in New York Harbor. This monument was a gift to the USA from the people of France in recognition of the French-American alliance during the American Revolution. The seven rays of Liberty's crown symbolize the seven seas and seven continents of the world. Liberty holds a tablet in her left hand that reads "July 4, 1776" (1776 is written in Roman numerals, MDCCLXXVI).

Thank you for downloading

**"My Book of American
Symbols" FREEBIE**

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Awesome Graphics By:



Bald Eagles

Brought to you by Science Gal



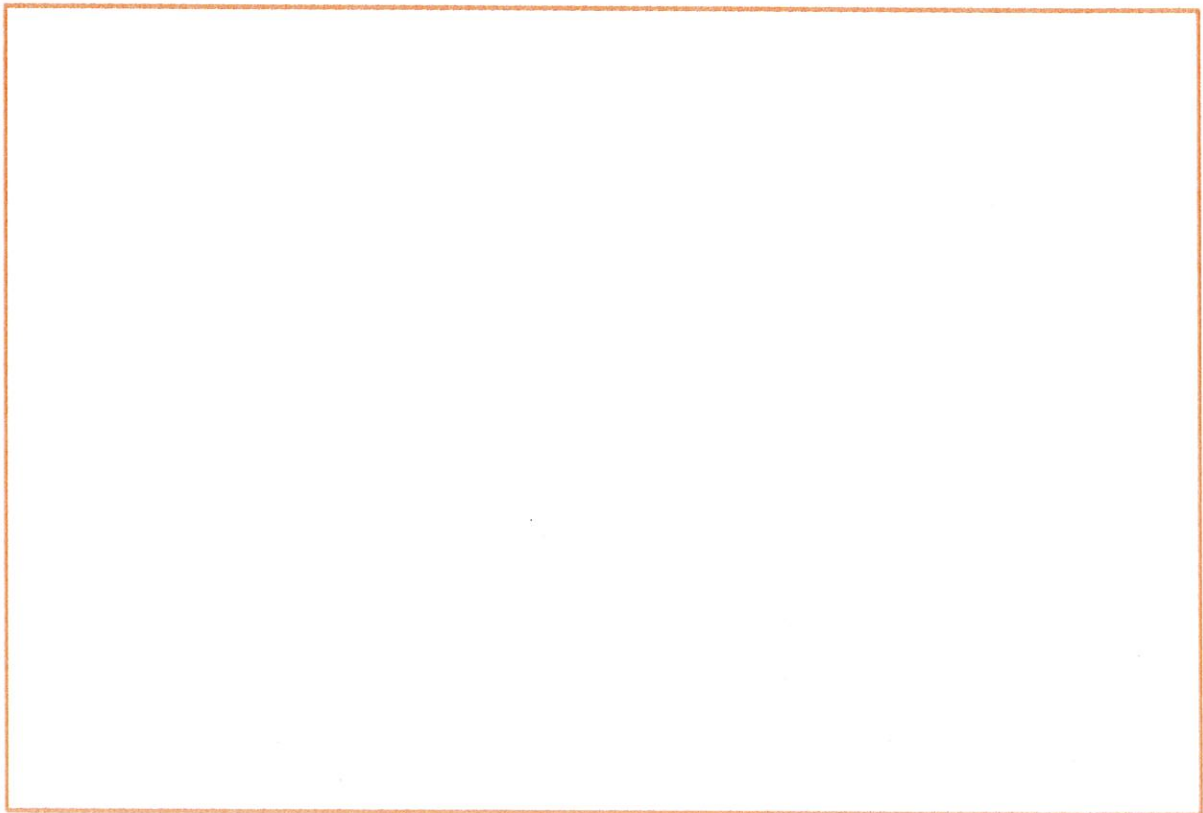
Science Gal...



Bald Eagles

Did you know that Bald Eagles are coming back? They used to be endangered, but now they are doing well and living all over the United States, Canada and northern Mexico. Bald eagles like to live near lakes, rivers, marshes and seacoasts. Can you guess what they like to eat? That's right...they eat fish as well as small mammals and other birds. Bald eagles are a hunter which means they are predators and carnivores. Can you draw a food chain with the eagle at the top of the chain?

Food Chain



Thank you for downloading this resource. I hope you will visit me at

www.sciencegal-sciencegal.blogspot.com

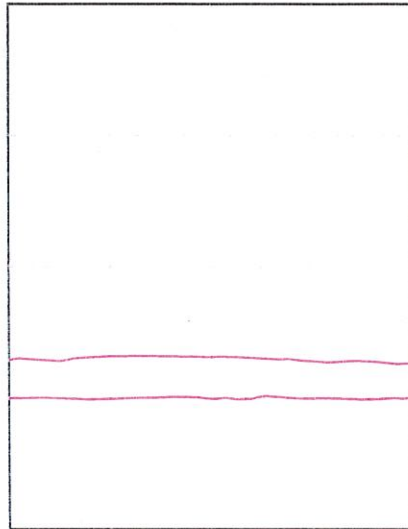


Science Gal...

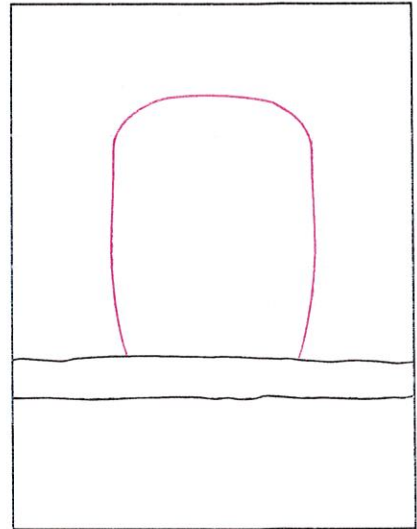
Draw a Bald Eagle



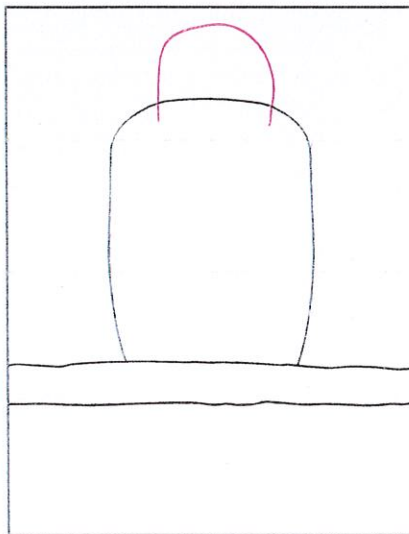
Supplies: Marker, watercolor paint



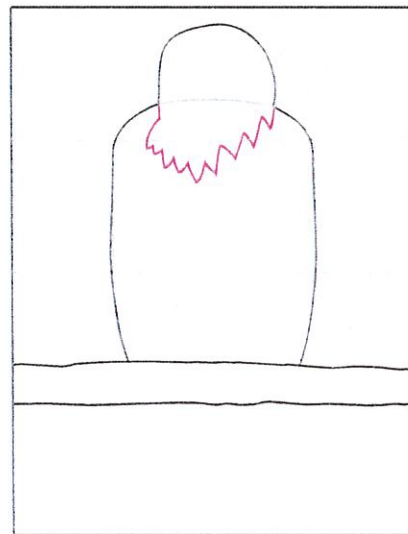
1. Make guide lines. Draw branch.



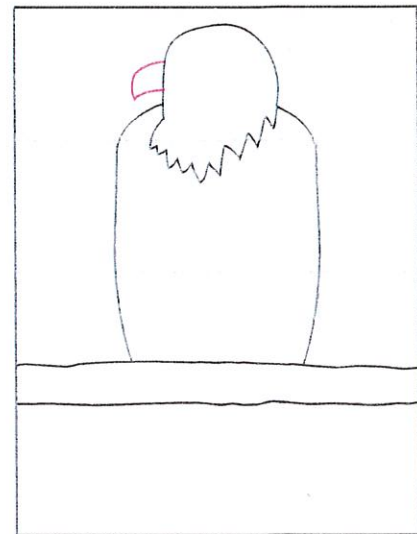
2. Start the body.



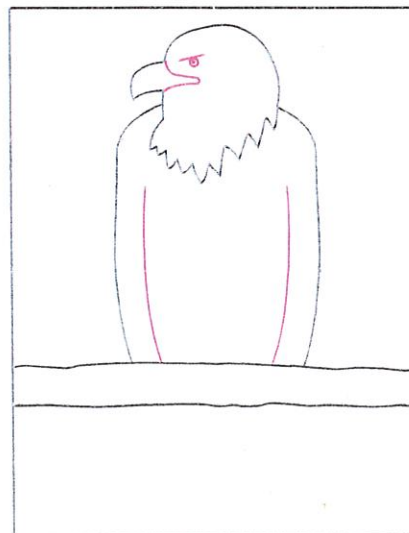
3. Draw the top of the head.



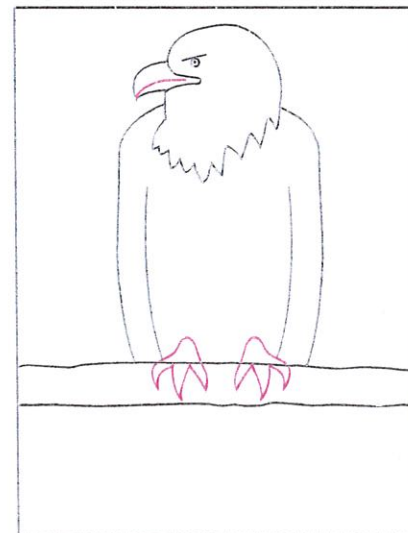
4. Draw the bottom of the head.



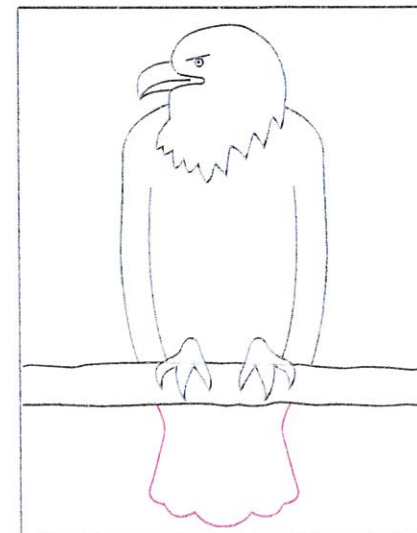
5. Add the beak.



6. Finish the face, add wing lines.

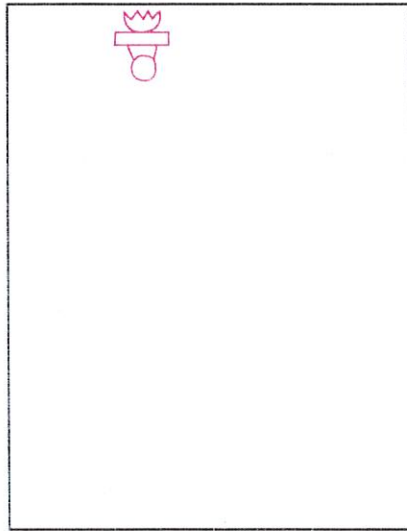
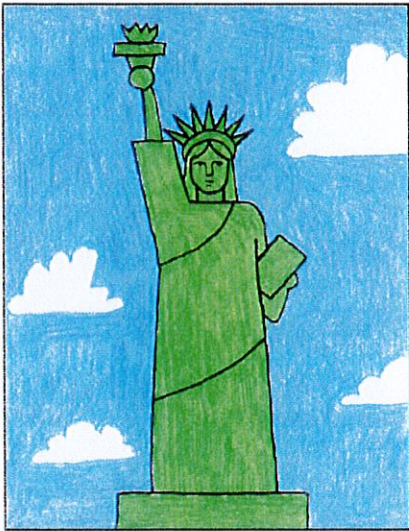


7. Finish beak. Draw two feet.

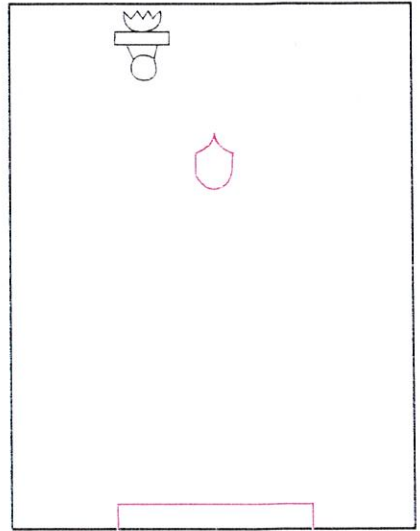


8. Erase inside of feet. Draw tail.

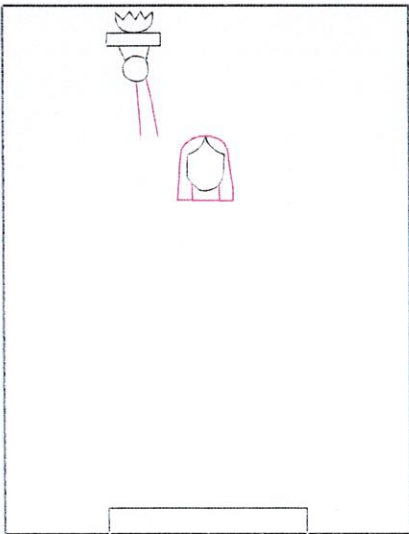
Draw the Statue of Liberty



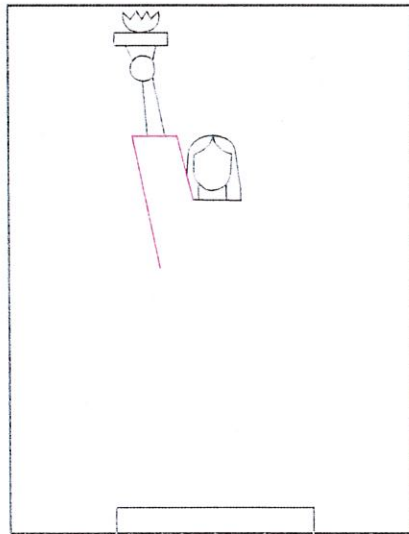
1. Make guide lines. Draw torch, hand.



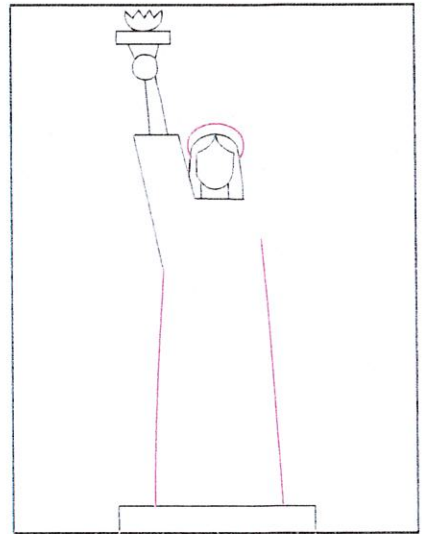
2. Draw the face and pedestal.



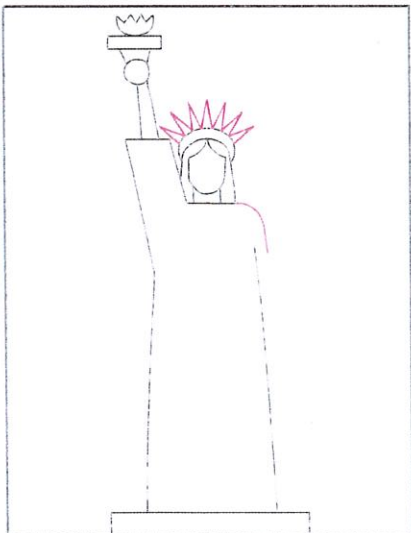
3. Add the arm, hair and neckline



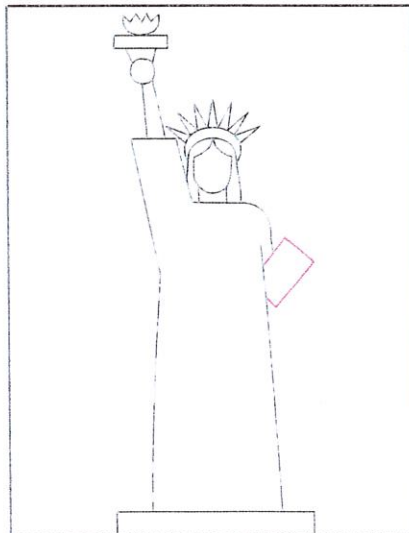
4. Draw the sleeve



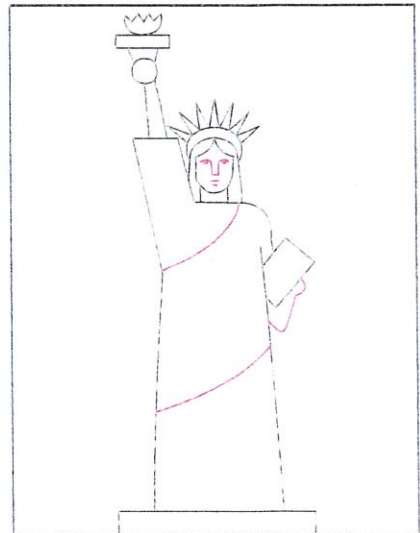
5. Finish sides of robe. Add crown.



6. Add 7 crown points, and shoulder



7. Draw tablet



8. Draw face, arm, and robe lines

Connect

Social Studies



Read this Social Studies Connection. You will answer the questions as a class.

Text Feature

A **bulleted list** organizes words and phrases without a numbered order.

American Citizen

When you read “United States Citizenship,” you learned about two ways to become an American citizen. All citizens have certain **rights** and responsibilities.

The United States Constitution is the set of rules that were written as a basis for the American government. It lists the rights that citizens have. These rights include the following freedoms:

- Practice any religion
- Speak freely
- Protest against the government
- Get a fair trial if you are accused of a crime
- Be able to vote for people to represent you in government

Citizen responsibilities include:

- Paying taxes to fund government responsibilities
- Obeying laws that the government makes

1. What Constitutional rights do you use?
2. What is the difference between a right and a responsibility?

3. Compare and contrast one right with one responsibility listed in this article.



Go Digital

Search for a politician who represents your town or your state. Find information about him or her.

212-213

Essential Question
 In what ways does the Statue of Liberty represent our country?

Statue OF LIBERTY

by Myra Cohn Livingston

Give me your tired, your poor, she says,
 Those yearning to be free.
 Take a light from my burning torch,
 The light of Liberty.

Give me your huddled masses
 Lost on another shore,
 Tempest-tossed and weary,
 These I will take and more.

Give me your thirsty, your hungry
 Who come from another place.
 You who would dream of freedom
 Look into my face.

212

213