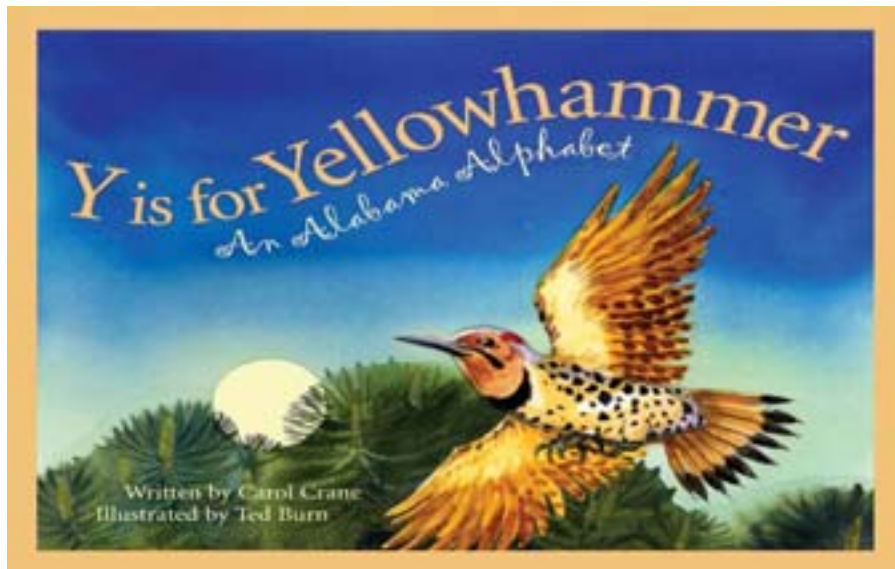


A Teacher's Guide



Y is for Yellowhammer An Alabama Alphabet

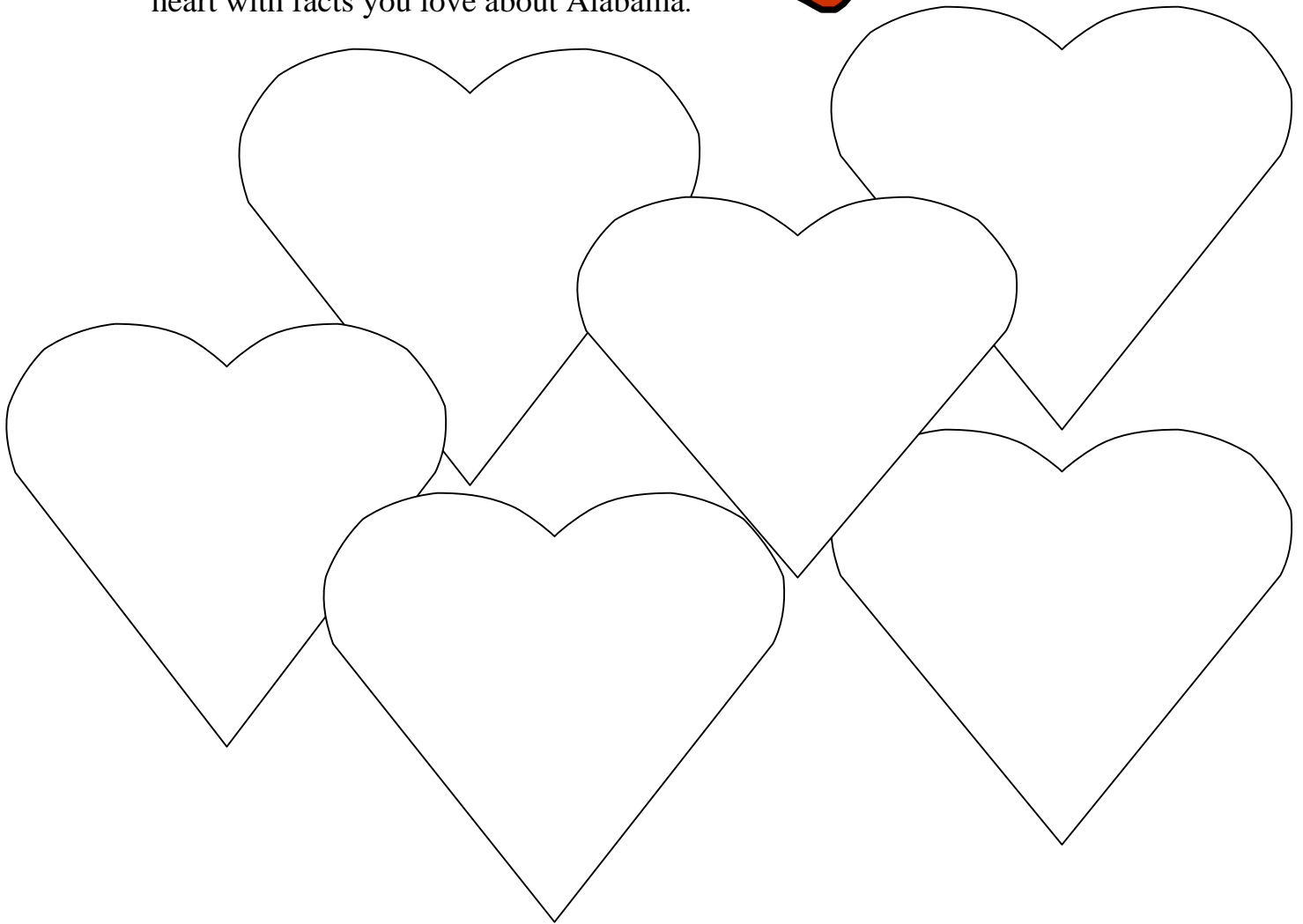
Guide written by
Patricia Pierce

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Read *Y is for Yellowhammer: An Alabama Alphabet* and fill each heart with facts you love about Alabama.





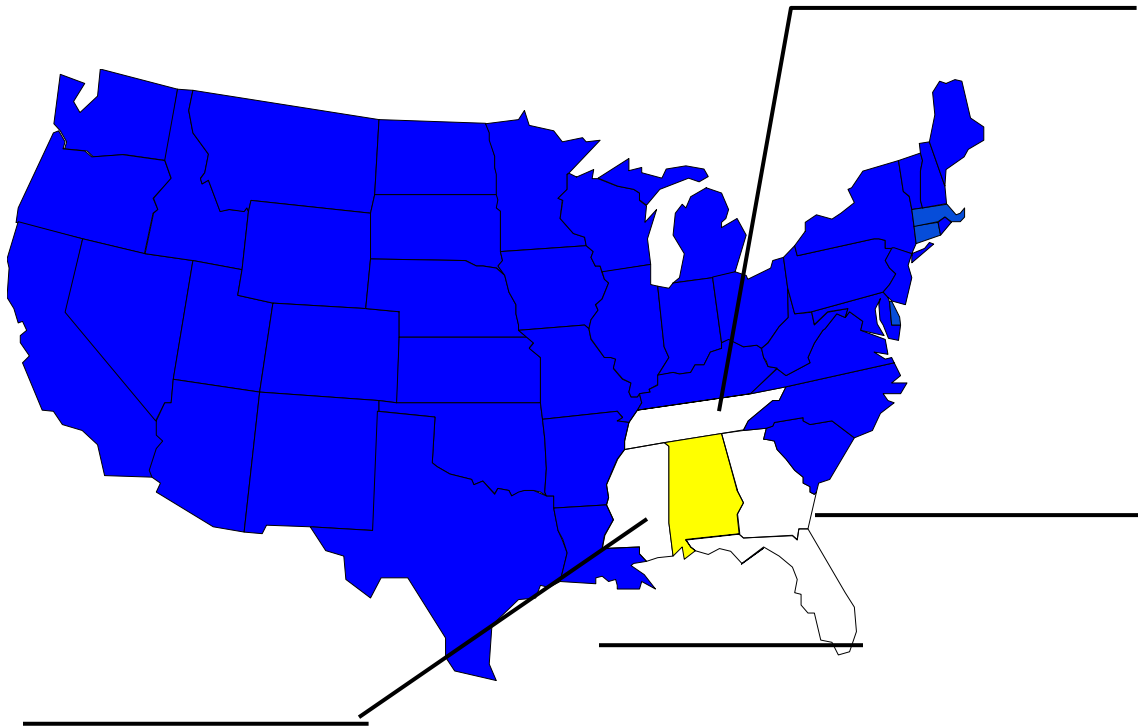
The seal of Alabama represents its amazing rivers. Rivers are essential and vital to our daily lives. Rank the following reasons why rivers are important and why we need to take care of our rivers. Rank the reasons 1 to 10, with 1 being the most important and 10 being the least important. Compare and discuss your rankings with others.

- _____ Rivers provide our drinking water.
- _____ Rivers are a very important habitat for many plants and fish.
- _____ Rivers are needed for our future, and for future generations.
- _____ Rivers provide irrigation for crops.
- _____ Rivers offer majestic scenery.
- _____ Rivers carry valuable deposits of sediment, such as sand and gravel.
- _____ Rivers are used for means of recreation, such as fishing, canoeing, and rafting.
- _____ Rivers provide travel routes for industry and trade.
- _____ Rivers provide electrical energy (hydroelectric power).
- _____ A wide variety of wildlife and birds make their homes along rivers.

Alabama and Its Neighboring States

Read page D of *Y is for Yellowhammer* and label the states bordering Alabama.

Mississippi Tennessee Georgia Florida



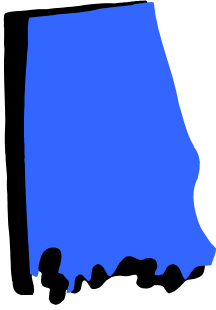
Explain why Alabama is known as *Dixieland*.

Famous Alabamians

Directions

Try to match the names of the following famous Alabamians with the clues about them. Skim and search *Y is for Yellowhammer* for information.

- | | |
|------------------------------------|--|
| 1. ___ Jean Baptiste le Moyne | A. Heisman Trophy |
| 2. ___ George Washington Carver | B. Founded Tuskegee University |
| 3. ___ Booker T. Washington | C. Track athlete |
| 4. ___ Henry Louis Aaron | D. Founded Mobile |
| 5. ___ Carl Louis | E. Baseball Hall of Fame |
| 6. ___ Joe Louis | F. Revolutionary War hero |
| 7. ___ Willie Mays | G. “Mother of the Civil Rights Movement” |
| 8. ___ Joe Namath | H. 1936 Summer Olympics track star |
| 9. ___ Jesse Owens | I. Noted scientist |
| 10. ___ Rosa Parks | J. Baseball player |
| 11. ___ General Richard Montgomery | K. Football player |
| 12. ___ John William Heisman | L. Boxer |



Where Am I?

Skim and search *Y is for Yellowhammer* and read the following clues to discover interesting places in Alabama.

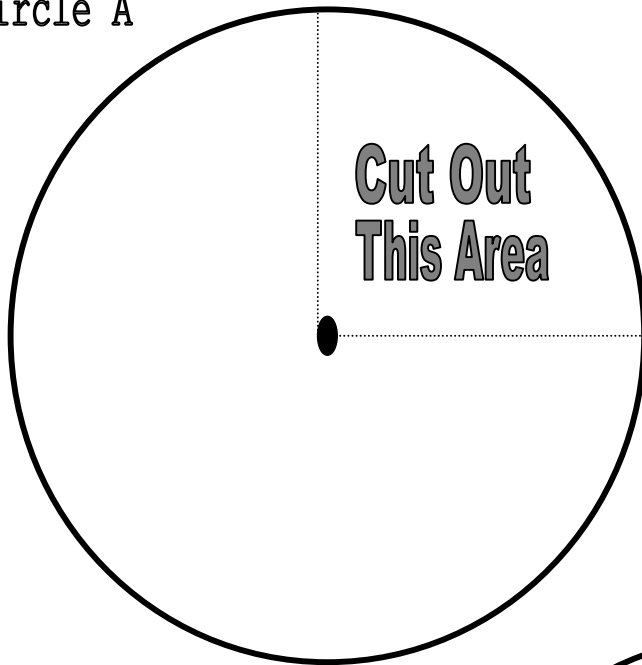
1. I am at the place named after the Spanish explorer Hernando DeSoto.
Where am I? _____
2. I am touring the U.S. Space and Rocket Center and going to space camp.
Where am I? _____
3. I am in the town where Henry Louis Aaron (Hank Aaron) was born.
Where am I? _____
4. I am watching a performance of “The Miracle Worker” at the birthplace of Helen Keller. Where am I? _____
5. I hear the shout of “Jubilee” and fill my bucket with flounder, shrimp, and crabs.
Where am I? _____
6. I am experiencing what it was like living on a farm in the 1890s and touring a one-room schoolhouse. Where am I? _____
7. I am at the place named after a Revolutionary War hero and the capital of Alabama.
Where am I? _____
8. I am at a place that is listed on the National Register of Historic Places and is the only antebellum octagonal house in Alabama.
Where am I? _____

The Life Cycle of Butterflies

Alabama's state insect is the monarch butterfly. The eastern tiger swallowtail is recognized as Alabama's state butterfly and mascot.

Create a model of the life cycle of a butterfly. Cut out the two circles. Cut along the dotted line on circle A. Overlay circle A on top of the circle B. Attach with a brass brad in the center.

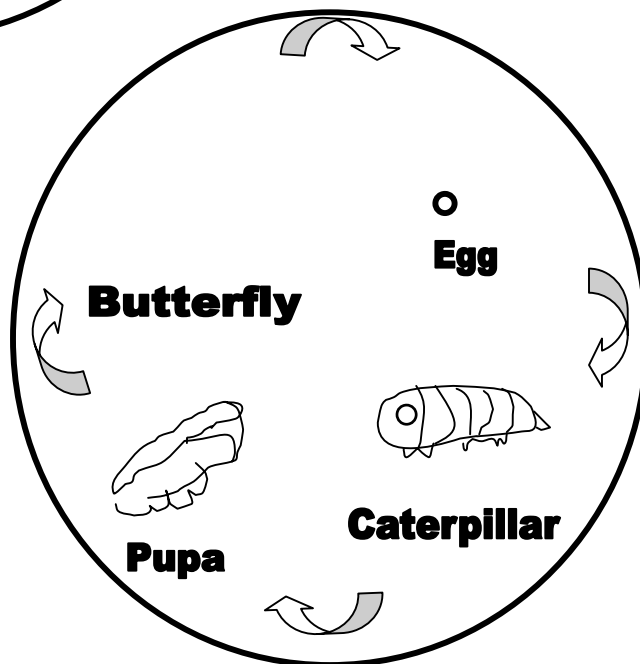
Circle A



Teacher's Note

This page can be enlarged on the copy machine if a larger copy is preferred.

Circle B



Draw a monarch butterfly or an eastern tiger swallowtail butterfly for the final stage of the life cycle of a butterfly.

A Mix-up of Facts

Change one word to make each sentence true!

Directions

Each sentence below contains a factual error. Find and change the incorrect word. Refer to *Y is for Yellowhammer* for the correct fact!

1. During the process of approving Alabama's state seal, the Senate and the House of Representatives agreed that Alabama's most important feature was its mountains.
2. The camellia, Alabama's state flower, has been known to live millions of years.
3. Alabama is bordered on the north by Kentucky, to the west by Mississippi, on the east by Georgia and to the south by Florida.
4. The Mexican boll weevil pollinated the cotton crops of Alabama.
5. In 1704, the original Mardi Gras was celebrated in Montgomery.
6. There are several natural lakes in Alabama.
7. The southern longleaf pine, Alabama's state tree, is called a "fast bloomer."
8. In honor of John William Heisman, the Heisman Trophy is given to the most outstanding professional football player.

**Read page F
of
Y is for Yellowhammer**

Alabama football fans pack the stadiums to cheer on their favorite teams. How many fans does it take to fill each stadium? Read each clue below and place each number in the correct place value to find out the seating capacity for each stadium for the 2003-04 football season.



Auburn University
Jordan-Hare Stadium

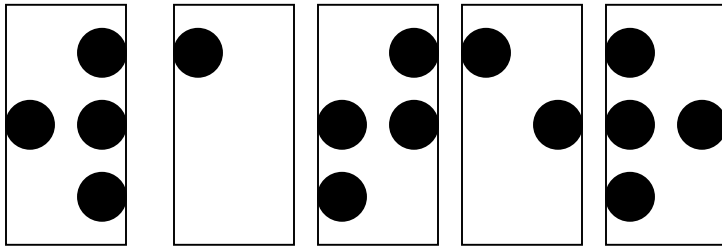
Write an 8 in the ten thousands place. Write a 6 in the tens place.
Write a 0 in the hundreds place. Write a 6 in the thousands place.
Write a 3 in the ones place.

_____, _____

University of Alabama
Bryant-Denny Stadium

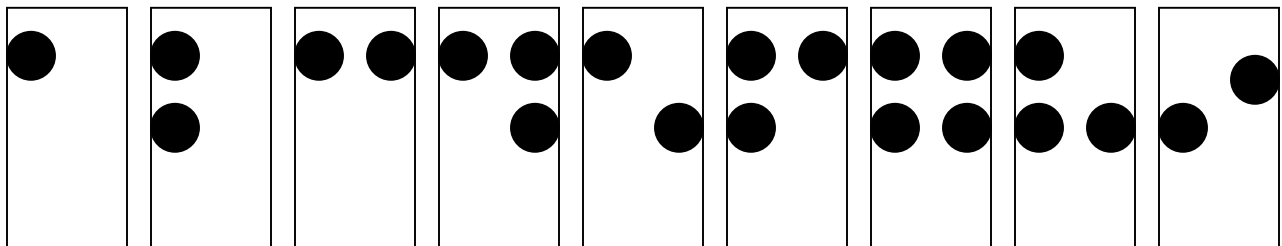
Write an 8 in the ten thousands place, the hundreds place, and ones place. Write a 1 in the tens place. Write a 3 in the thousands place.

_____, _____

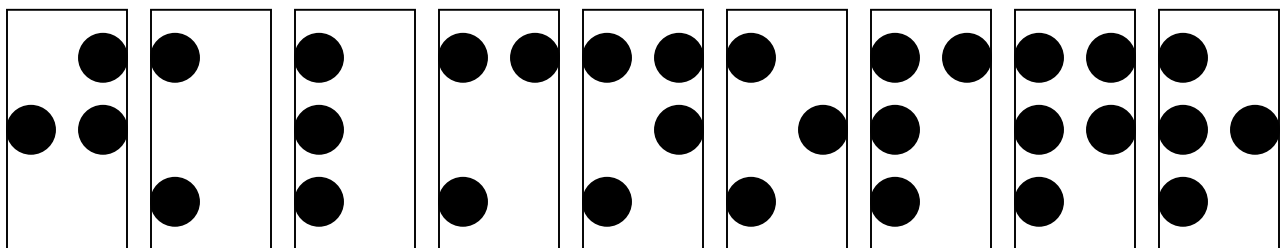


In *Y is for Yellowhammer: An Alabama Alphabet*, the letter I stands for Ivy Green, the family homestead of Helen Keller. Learn more interesting facts about Helen by reading page I.

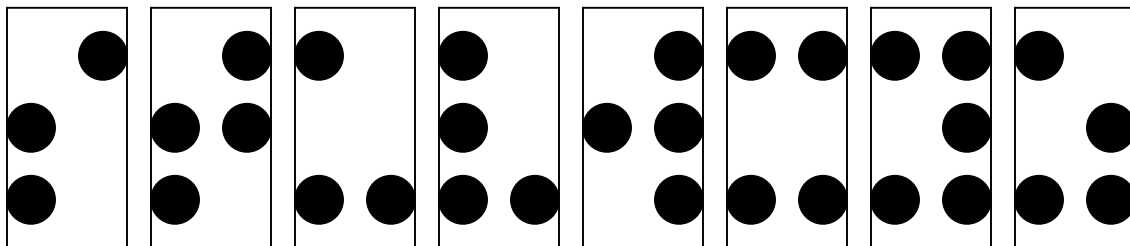
The above word by the water pump is written in Braille code. Can you figure it out? The pictures below show you how the Braille dots are arranged for each letter of the alphabet. Try writing your name using the Braille code!



A B C D E F G H I



J K L M N O P Q R



S T U V W X Y Z

POSITIVE ROLE MODELS

ROSA PARKS

Read about Rosa Parks on page P of *Y is for Yellowhammer*. Rosa's action was an action of freedom, equality, and justice for all. She was willing to sacrifice going to jail in order to make a stand against what was wrong. Write a script and role-play Rosa refusing to give up her seat.

BOOKER T. WASHINGTON

Read about Booker T. Washington on page T of *Y is for Yellowhammer*. The Tuskegee Institute started with 30 students and was one of Alabama's first schools for training of African-American teachers. Create a brochure to encourage people to enroll at the Tuskegee Institute.

GEORGE WASHINGTON CARVER

Read about George Washington Carver on page T of *Y is for Yellowhammer*. As a noted scientist, he made a positive difference in the area of agricultural research. Write a list of ten words describing George Washington Carver. Discuss and compare your list with others.

Pecan Nut Clusters



Read page E of *Y is for Yellowhammer* to learn what year the pecan was designated as the official state nut of Alabama.

Year: _____

Pecan Nut Clusters

1 cup chocolate chips
1 tsp. shortening
1 and ½ cup chopped pecans

Melt chocolate chips and shortening.

Stir in pecans.

Spoon mixture into 1-inch paper-lined mini muffin cups.

Fill mini muffin cups half full.

Refrigerate until firm.



The Night Stars Fell on Alabama

Directions

Read about the amazing night that Alabama was showered with meteors on page N of *Y is for Yellowhammer* and answer the following questions.

1. What is a meteor?

2. How fast does a meteor travel? _____

3. On what date did the meteor shower occur in Alabama? _____

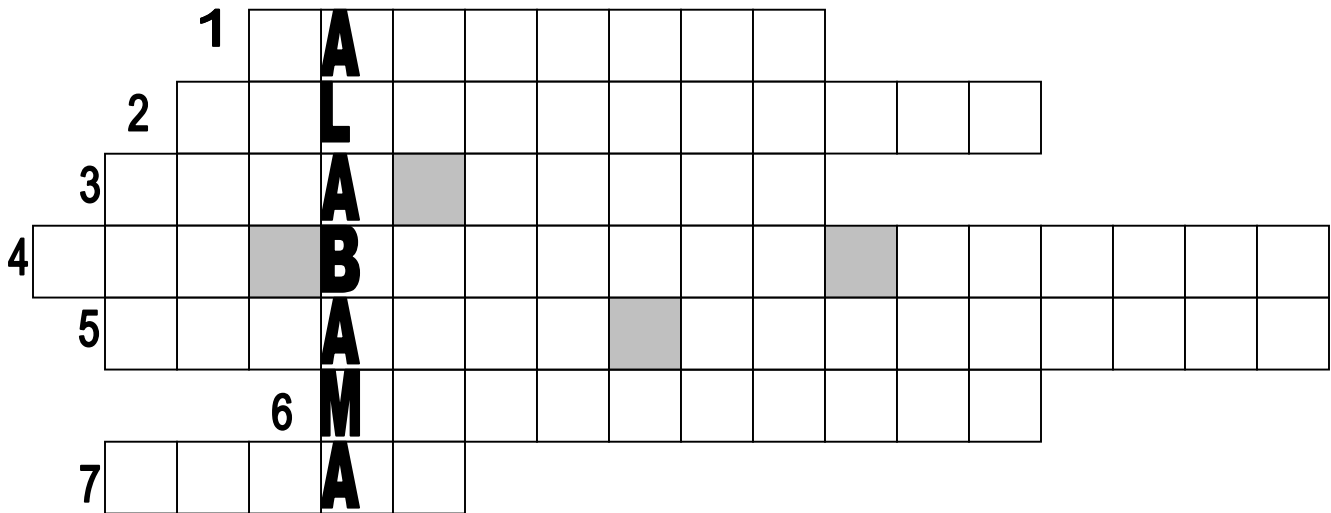
4. About how many minutes did the meteors' smoke trails last? _____

5. What is the name of the song published about this meteor shower?

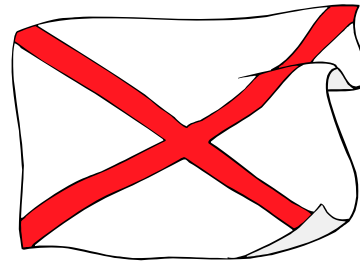
6. Describe what your reaction might have been if you had witnessed this event.

Alabama Crossword

1. State flower
2. State bird
3. "The Mother of the Civil Rights Movement"
4. State reptile
5. State insect
6. State capital
7. State nut



Alabama Word Search



ALABAMA
CAMELLIA
MOBILE
HUNTSVILLE
TUSKEGEE

TOMBIGEE
PECANS
DIXIELAND
TUSCUMBIA
CAHABA

CHOCTAWHATCHEE
MONTGOMERY
YELLOWHAMMER
CHATTAHOOCHEE
COOSA

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

ANSWER PAGE

Alabama's Amazing Rivers

Accept all appropriate answers. Focus discussion on the importance of rivers and why we need to care for our rivers.

Alabama and Its Neighboring States

See page D of *Y is for Yellowhammer*.

Famous Alabamians

1. D 2. I 3. B 4. E 5. C 6. L 7. J 8. K 9. H 10. G 11. F 12. A

Where Am I?

1. DeSoto Caverns Park 2. Huntsville 3. Mobile 4. *Ivy Green*, Tuscumbia
5. Mobile Bay 6. Landmark Park 7. Montgomery 8. Clayton

A Mix-up of Facts

1. incorrect: *mountains*; **correct**: rivers 2. incorrect: *millions*; **correct**: hundreds
3. incorrect: *Kentucky*; **correct**: Tennessee 4. incorrect: *pollinated*; **correct**: destroyed
5. incorrect: *Montgomery*; **correct**: Mobile 6. incorrect: *several*; **correct**: no
7. incorrect: *fast*; **correct**: late 8. incorrect: *professional*; **correct**: college

Football Stadium Seating Capacity

Jordan-Hare Stadium 86,063 Bryant-Denny Stadium 83,818

Braille Code

“WATER” is the word in Braille code.

Pecan Nut Clusters

The year was 1982.

The Night Stars Fell on Alabama

1. A meteor is rock and debris called meteoroids. They burn as they enter high in the Earth's upper atmosphere.
2. Meteors travel at thousands of miles an hour.
3. November 12, 1833
4. The meteors' smoke trails lasted about 20 minutes.
5. *Stars Fell on Alabama*
6. Responses may vary. Accept appropriate response.

Alabama Crossword

1. Camellia 2. Yellowhammer 3. Rosa Parks 4. Red Bellied Turtle
5. Monarch butterfly 6. Montgomery 7. Pecan

Word Search

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