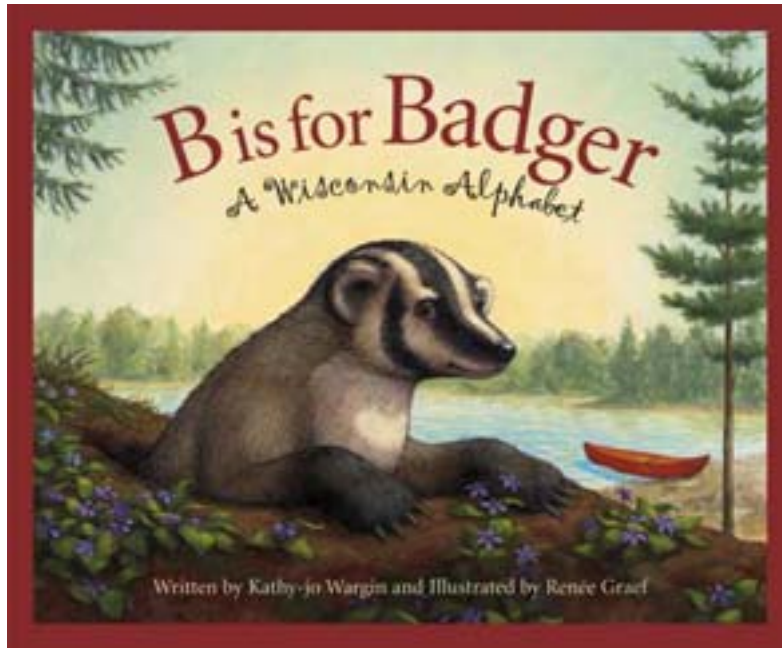


A Teacher's Guide



B is for Badger: A Wisconsin Alphabet
Guide by Cheryl K. Grinn
Based on the book by
Kathy-jo Wargin
Illustrated by Renee Graef

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CELEBRATED WISCONSIN PEOPLE

Wisconsin has been the home to many famous people. Some were born here and some came later in life. In the book *B is for Badger* you can find the people listed below and the reason why they were famous.

- | | |
|---------------------------|--|
| ___ 1. Georgia O'Keefe | A. first governor of Wisconsin |
| ___ 2. Ringling Brothers | B. U.S. president the capital was named for |
| ___ 3. Frank Lloyd Wright | C. founded the Sierra Club |
| ___ 4. John Muir | D. designed Quadracci Pavilion |
| ___ 5. Henry Dodge | E. artist |
| ___ 6. Aldo Leopold | F. founded a family circus |
| ___ 7. Santiago Calatrava | G. father of wildlife ecology |
| ___ 8. James Madison | H. one of the world's influential architects |

Wisconsin is #1

Wisconsin has many firsts that make the state proud. You will be able to find the Biggest, Oldest, Longest and Most that come from Wisconsin in the book *B is for Badger*. See how long it takes you to find the following:

1. leading producer of what fruit _____
2. leading producer of which drink _____
3. leading producer of a favorite food _____
4. first to have this early education _____
5. largest and coldest Great Lake _____
6. first building in the U.S. designed by Santiago Calatrava _____
7. where the world's largest music festival is held _____
8. location of the oldest radio station _____





Hunting for Wisconsin's Treasures

Deep within the pages of *B is for Badger* you can find the answers to the questions that follow. Search high and low as some of the clues may be hidden.

1. Name the two types of cranberry harvest: _____
and _____
2. Page on which you see 3 children on bicycles: _____
3. Animal pictured on the effigy: _____
4. Famous museum designed by Frank Lloyd Wright: _____
5. Official state fish: _____
6. Packers were named after _____
7. They merged with the Ringling Brothers: _____
8. What the boy on the S page is collecting in his bucket: _____
9. The call letters for the oldest radio station: _____
10. Meaning of "Birkebeiner": _____



Birds of Horicon Marsh Alphabetizing

B is for Badger has some very interesting information about Horicon Marsh on the H page. It is the home to many freshwater animals and birds. Read all about them.

The Ranger at the marsh dropped his index cards with the names of the birds on them. Can you help him get them in alphabetical order?



Canada geese

rough-legged hawks

great blue herons

bald eagles

horned larks

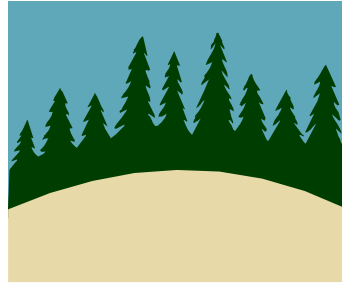
northern harriers

yellow warblers

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

Landforms

Landforms



Did you know that Wisconsin has a 1,000-mile National and State Scenic trail within its borders? Find the name of this trail in the book *B is for Badger*.

The trail is named_____.

Glaciers passed over the land and left many Wisconsin landforms. Draw a sketch of each of the following landforms left by the glaciers.

moraine

hill

ridge

bog

marsh

stream



Packer Math

The Green Bay Packers football team has a distinction that no other team in the NFL has. To find out what's so unique about the Packers read *B is for Badger*.

The Packers are the only team that _____.

Try some Packer math. You're on the 50-yard line and will gain 5 yards for each correct answer. See if you can score a touchdown.

1. $98 + 76 =$ _____

2. $32 \times 3 =$ _____

3. $504 \times 4 =$ _____

4. $721 - 346 =$ _____

5. $32 \div 4 =$ _____

6. $900 - 471 =$ _____

7. $13,482 + 18,099 =$ _____

8. $99 \div 3 =$ _____

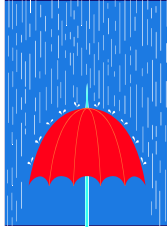
9. $7 \times 8 =$ _____

10. $50 \times 5 =$ _____

Mark your score on the field below.

50 --- 45---40---35---30---25---20---15---10---5---





Weather Broadcasting

Have you ever thought it would be fun to be on the radio? Do you know where the oldest radio station in the nation is located? Check in *B is for Badger*. It's located at

_____.

Now is your chance to give radio broadcasting a try. You will be a weather reporter. For the next three days record the weather on the lines below. Make sure you use plenty of descriptive words.

After you've collected this data, write a review of the weather. Make sure it is interesting and enjoyable to the reader. Use a tape recorder to record your broadcast. Your broadcast is to be one minute long. Share your tape with your class and family.

Day 1 _____

Day 2 _____

Day 3 _____

Is it a FACT or an OPINION

A fact is a statement that can be proven. An opinion is what someone believes is true. After you have read the book *B is for Badger*, decide which of the statements are FACTS and which are OPINIONS.

Use F for Fact and O for Opinion

- _____ 1. An effigy is really awesome.
- _____ 2. The American Water Spaniel is the best dog there is.
- _____ 3. “Badgers” is a good nickname for Wisconsin residents.
- _____ 4. Cranberries can be harvested by either a wet or dry method.
- _____ 5. Cranberries are delicious.
- _____ 6. Wisconsin is called “America’s Dairyland.”
- _____ 7. Galena is also known as lead.
- _____ 8. The Ice Age Trail is 1,000 miles long.
- _____ 9. Lake Michigan lies on Wisconsin’s eastern border.
- _____ 10. Summerfest is the world’s largest musical festival.



Crossword Wisconsin



Use *B is for Badger* to help you solve this puzzle.

W _ _ _ _ _ _ _ _ _ _
_ _ _ _ _ I _ _
S _ _ _ _ _ _ _ _ _
C _ _ _ _
O _ _ _ _ _ _ _ _
N _ _ _ _ _ _ _ _
S _ _ _ _ _ _ _ _
I _ _ _ _ _ _ _ _
N _ _ _ _ _ _ _ _

1. state dog the American
2. state fish nickname
3. coldest Great Lake
4. yellow vegetable
5. sport played by the Packers
6. state mineral
7. 1st commercial typewriter was called _____ and Glidden model
8. State bird
9. top fruit crop

Where would you find a Badger?



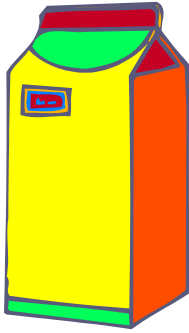
Do you think a badger is only an animal? Well, you may be wrong. In the book *B is for Badger* you will find out how Wisconsin got its nickname. Very interesting!!

Make a list of all the ways badgers and miners are alike and how they are different.

Alike

Different

Write a story about what happened when the miner met the badger



Dairyland Class Graph

Wisconsin is the nation's largest producer of milk. How many cartons of milk does your class drink daily?

For one week, each day take a count of how many cartons of milk are consumed by your class.

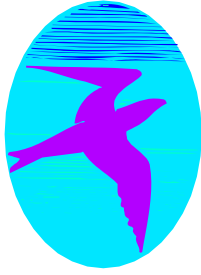
Make a chart to show the data you collected.

Get into small groups and decide what you think the best way is to represent this data. It should be clear and easy to read.

In your group discuss why there may have been differences in the amount of milk consumed daily.

List your reasons below.

Put your graph or other representation on a large sheet of paper and be ready to explain your thoughts on the differences to the class.



Effigy

What is an effigy? Not sure? You can find the answer on the E page of *B is for Badger*.

Design your own effigy and write a five-sentence paragraph explaining the importance of your effigy.

Design

Who Provides Goods and Services?



A state's economy is a combination of what is grown, manufactured and services provided by its citizens. A good is something that is made or grown, such as a bicycle or corn. A service is a want or need that is provided by a person, such as a teacher or a policeman or a barber.

On the Y page in *B is for Badger*, you will find the main industries that are important in the economy of Wisconsin.

Name these four industries.

1) _____ 2) _____

3) _____ 4) _____

Choose TWO of these industries and make a list of the goods and services that each provides.

Industry: _____

Goods: _____

Industry: _____

Goods: _____

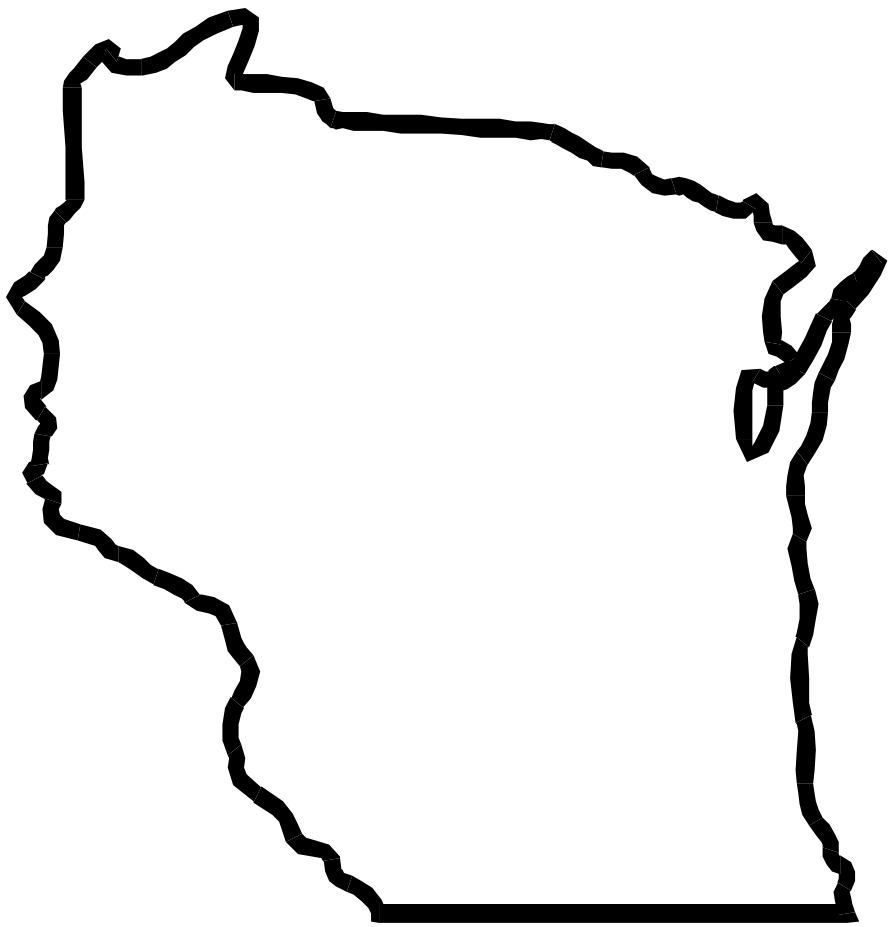
Where is Wisconsin?

The geography of a state has an important influence on its economy. A state with mostly mountains wouldn't grow many crops since they wouldn't have much vacant land for growing.

Draw the following geographic features in and around Wisconsin.

1. states that border Wisconsin
2. foreign country that borders Wisconsin
3. Great Lakes that border Wisconsin
4. Capital city of Wisconsin

Color your map. Print clearly



Have Fun with Poetry

An acrostic poem is formed using the letters of a name or a word to begin each line of the poem.

Example : P pal, pretty, perky
 A athletic, awesome in math
 T talkative, team player

Use the book *B is for Badger* to help you find information to write an acrostic poem about Wisconsin.

W _____

I _____

S _____

C _____

O _____

N _____

S _____

I _____

N _____

Write an acrostic poem using your name.

**"You've Got
The Power."**

Presentations

It's fun to discover the facts about the lives of famous people. Several famous people are included in the book *B is for Badger*. Choose one of the people below, or any other person mentioned in the book, and write a two-minute speech about the life of that person.

Famous Wisconsin Folks

Frank Lloyd Wright

Georgia O'Keeffe

John Muir

Aldo Leopold

Margaret Meyer Schurz

Henry Dodge

Questions to consider when preparing your speech.

When did they live?

Where in Wisconsin did they live?

Why are they famous?

Why did you choose this person?

A good speaker should do the following

Look at the audience

Speak in a loud, clear voice

Pronounce words correctly

Stand with both feet on the floor

Don't sway

Give accurate information



Survey the Class



Ice cream is one of the nation's favorite desserts. Is it yours?
Who is the number one producer of milk, a major ingredient in ice cream? Why, Wisconsin, of course!!

Survey your classmates to find their favorite flavor of ice cream.

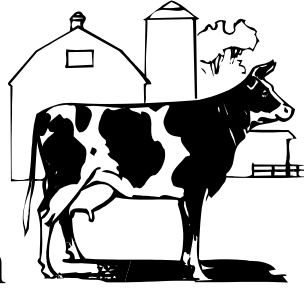
Chocolate

Vanilla

Strawberry

Other

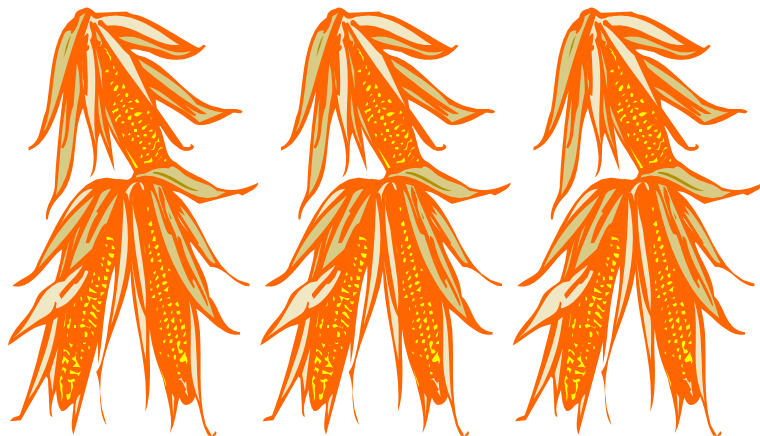
Use this data to create a pictograph. A pictograph is a bar graph using pictures to represent the numbers. Make sure you color your pictures.



Official Wisconsin

Every state has official symbols that proudly represent its characteristics and treasures. For a symbol to be official it must be approved by the state legislature. *B is for Badger* will give you the information necessary to find Wisconsin's official symbols.

1. state bird _____
2. domesticated animal _____
3. flower _____
4. song _____
5. fruit crop _____
6. animal _____
7. tree _____
8. wildlife mammal _____
9. grain _____
10. dog _____





Design a Zoo Exhibit

For more than 100 years Wisconsin has had zoos to protect and nurture animals and birds. Amazing, isn't it?

You have just finished college and have a chance to try out for your dream job, designing exhibits for the zoo. The Milwaukee Zoo is going to have a pair of Giant Pandas on loan for five years. Plan your exhibit making sure you keep in mind the habitat a panda needs and how you can make that work in Wisconsin.

Draw your design below.



Make a model of your design.

B is for Badger
Answer Sheet

Wisconsin Famous 1. E 2. F 3. H 4. C 5. A 6. G 7. D 8. B

Official Wisconsin 1. robin 2. dairy cow 3. wood violet 4. On Wisconsin
5. cranberry 6. badger 7. sugar maple 8. white-tailed deer 9. yellow corn
10. American water Spaniel

Wisconsin is # 1 1. cranberry 2. milk 3. cheese 4. kindergarten 5. Superior
6 Quadracci Pavilion 7. Summerfest Grounds 8. University of Wisconsin

Kindergarten Margarethe Meyer Schurz

Treasure Hunt 1. wet, dry 2. D 3. bird 4. Guggenheim 5. muskellunge 6. Indian
Packing Company 7. Barnum & Bailey Show 8. maple syrup 9. WHA 10. birch-bark
leggings

Alphabetizing Birds 1. bald eagles 2. Canada geese 3. Great blue heron 4. horned
larks 5. northern harriers 6. rough-legged hawks 7. yellow warblers

Landforms Ice Age Scenic Trail

Packer Math 1. 174 2. 96 3. 2016 4. 375 5. 8 6. 429 7. 31,581 8. 33 9. 56
10. 250

Circus Adventure 5

Weather Broadcasting University of Wisconsin

Wisconsin Cookbook cranberry, milk, cheese, maple syrup, yellow corn

Fact or Opinion 1. O 2. O 3. O 4. F 5. O 6. F 7. F 8. F 9. F 10. F

Crossword 1. water spaniel 2. muskie 3. Superior 4. corn 5. football 6. galena
7. Sholes 8. robin 9. cranberry

Correlations to Wisconsin Model Academic Standard Model

Social Studies

- E.4.13 - Wisconsin's Famous, Presentation
- E.4.11 - Effigy
- A.4.5 - Where is Wisconsin
- A.4.2 - What did the Glacier Leave Behind
- D.4.3 - Providing Goods and Services

Mathematics

- B.4.5 - Packer Math
- E.4.1- Survey, Dairyland Graph

Science

- E.4.5 -Weather Broadcasting
- E.4.8 - Providing Goods and Services

Language Arts

- C.4.1 - Presentation, Weather Broadcasting
- B.4.1 - Where Do You Find a Badger? , Wisconsin is #1, Kindergarten, On Wisconsin, Circus Adventure, Wisconsin Cookbook, Effigy, Conservation News, Poetry