

## FUN FACES OF WISCONSIN AGRICULTURE CHERRY GEOGRAPHY



### **Activity Length:**

Cherry Trivia – 15 minutes

Cherry Geography – 15 minutes

Cherry Timeline – 30 minutes

Berry Math Lesson – 30 minutes

### **Student Objectives:**

1. Learn basic cherry trivia
2. Utilize mapping skills to distinguish other regions where cherries are grown and draw conclusions as to why
3. Assemble a timeline of the cherry growing process

### **Wisconsin Model Academic Standards:**

English	A.4.2	A.4.4	B.4.1	C.4.1	C.4.2	C.4.3
Math	A.4.3	B.4.5	B.4.7	E.4.1	E.4.3	
Science	B.4.1	C.4.3	C.4.6	E.4.8	F.4.3	
Social Studies	A.4.1	A.4.2	A.4.4	A.4.7		

### **Introduction: Berry Bunch's Cherry Fast Facts**

### **Additional Information available at:**

- Wisconsin Cherry Board ([www.wisconsincherries.org](http://www.wisconsincherries.org))
- Cherry Marketing Institute ([www.choosecherries.com](http://www.choosecherries.com))

### **Important Terms:**

- Tart cherry – often called sour cherries or pie cherries. Have a natural, bright red color and tangy taste
- Bing cherry – best known sweet cherry variety.
- Pit detectors – Remove pits from cherries without destroying the cherry.
- Winter hardy – capable of surviving winter temperatures encountered in the planting area
- Maraschino Cherry – Made from sweet cherries and often used on ice cream sundaes.
- Latitude – Gives the location of a place on Earth north or south of the Equator. An angular measurement ranging from 0° at the Equator to 90° at the poles (90° N or 90° S).
- Longitude – A scale used to measure one's location on the earth's surface, East or West of the Greenwich Meridian.

### **Materials for this activity:**

- Cherry Trivia handout
- Steps in Cherry Formation handout (cards and timeline)
- Red construction paper
- Green paper or chenille stems
- Yarn
- Tape
- Scissors
- Glue

### **Lesson Outline:**

#### **Cherry Trivia**

*Students will gain a basic platform of cherry knowledge to being the remaining activities with.*

1. Visit the following websites to learn about cherries: National Cherry Festival Website (<http://www.cherryfestival.org/cherries/history.php>) Click on: Cherries, Cherry Industry History and Health Benefits. Choose Cherries ([www.choosecherries.com](http://www.choosecherries.com)). Click on Health and Nutrition. Wisconsin Cherry Growers Association ([www.wisconsincherries.org](http://www.wisconsincherries.org)) and click on About Us.
2. Use the questions from the Cherry Trivia to conduct this activity.
3. Divide the class into two teams to compete in Cherry Trivia. To ensure that all students can participate, rotate the spokesperson on the team. Allow them to work with their team to decide on an answer, but designate a different person to be the spokesperson every few turns.
4. Alternate between teams when answering the questions, rewarding correct answers with a point. If the team answers incorrectly, the other team gets a chance to answer, continuing this way until the correct answer is given.

#### **Cherry Geography**

*Utilizing maps, students will talk about the climates needed to grow cherries and discuss how climates are related to latitude around the earth.*

1. Using a world map and a United States map, direct the students to find the following places: Washington, Oregon, Utah, Wisconsin, Michigan, Pennsylvania, Wisconsin and New York.
2. On the world map, find Poland, Russia, Germany, Hungary, Turkey and Iran.
3. Go to ([www.wisconsincherries.org](http://www.wisconsincherries.org)) and click on Growers Map. What part of Wisconsin is this? What county is it?
4. What are latitude lines? Longitude lines? What do they mean? How does climate change with distance from the equator? Distance from the north and south poles?

5. Besides climate, what are some factors that may impact cherry production? Looking at the United States map, what do most of the cherry producing states have in common? (Border a larger body of water—either an ocean or one of the great lakes.) Has anyone visited any of the Great Lakes? Is the water warm or cold? How does this change the climate of these locations?

### Cherry Timeline

*This activity will explore the specific steps needed to grow and harvest cherries. You may want to reference UW Extension Website: (<http://cecommerce.uwex.edu/>) Click on Lawn and Garden, Fruit, Tree Fruits and download Growing Apricots, Cherries, Peaches and Plums in Wisconsin in order to give students background information.*

1. Have students cut out the cards in the Steps of Cherry Formation and Harvest.
2. Using a compass (or freehand), have students cut out 13 circles of red construction paper to represent cherries with green chenille stems for stems or green construction paper. Students will then put the pictures that they drew onto the cherries and later will use yarn and tape to create a cherry chain time line.
3. Before assembling the timeline, discuss each step individually and the importance of each step in the process.
4. When the last step is reached, also discuss the various food products that you can find cherries (i.e. fruit snacks, juice, dried fruit, pies, fresh fruit) and have students put their favorite cherry food on the last cherry.
5. Hang them around the room or allow students to take them home to display.

### Berry Math Worksheet

1. Distribute Berry Math Worksheet as a classroom exercise or homework assignment

### **Suggested Reading Materials:**

- UW Extension (<http://cecommerce.uwex.edu/>) Click on Lawn and Garden, Fruit, Tree Fruits and download Growing Apricots, Cherries, Peaches and Plums in Wisconsin.

### **Additional Worksheets:**

Careers Guide

Ag Statistics Lesson Plan

### **Related activities:**

- Download recipes from ([www.wisconsincherries.org](http://www.wisconsincherries.org)) for the class to make and enjoy