

## FUN FACES OF WISCONSIN AGRICULTURE

### *Table of Contests and Descriptions*



Background Information: *Fun Faces of Wisconsin Agriculture*

- How to use: *Fun Faces of Wisconsin Agriculture*
- Wisconsin Model Academic Standards – Grade 4 for each commodity lesson
- Supporting Booklets and Resources
- Wisconsin Agriculture Industry- it's more than you think!
- Acknowledgements

#### 1. Apple Lessons – Molly Macintosh

The apple lessons will help students become familiar with the health benefits of apples, learn apple facts, and develop their writing skills.

- Apple Fast Facts
- Apple Math
- Apple Trivia
- Apple Trivia Answer Key
- Apple Orchard Information Lesson Plan
  - Apple matching cards
- Apple Writing Lesson Plan

#### 2. Beef Lessons – Curley

The beef lessons will help students learn about beef's nutritional benefits, proper serving sizes, develop an advertising campaign, learn about beef breeds, how to develop a balanced ration (diet) for animals and learn about ruminant animals.

- Beef Fast Facts
- Beef Math
- Beef Nutrition Lesson Plan
  - Nutrition News Worksheet
  - Nutrition News Worksheet Answer Key
- Beef Production Lesson Plan
  - World of Beef
  - World of Beef Answer Key
  - Beef Animal's Diet
  - Beef Digestion
  - Beef Digestion Answer Key

### 3. Cherry Lessons – Berry Bunch

The cherry lesson plans will help students identify cherry products, interpret nutritional information, develop mapping skills and assemble a timeline.

- a. Cherry Fast Facts
- b. Berry Math
- c. A Cherry in my Diet Lesson Plan
  - i. Cherries- Those Healthy Berries
  - ii. Cherries, Cherries Everywhere
  - iii. I Didn't Know that About Cherries
- d. Cherry Geography Lesson Plan
  - i. Steps in Cherry Formation and Harvest
  - ii. Cherry Trivia
  - iii. Cherry Trivia Answer Key

### 4. Christmas Tree Lessons – Freddy Fir

The Christmas tree lessons will help students identify steps necessary in tree production, understand how trees grow, create a tree timeline, learn how to conduct a survey, identify products from trees, understand environmental benefits of trees and learn about recycling.

- a. Christmas Tree Fast Facts
- b. Christmas Tree Math
- c. Ring Around the Tree Lesson Plan
  - i. Tree Ring Example
  - ii. Tree Ring and Student's Timeline Example
- d. Trees Give Me What? Lesson Plan
  - i. It Starts as a Tree
  - ii. Trees and the Environment
  - iii. Christmas Trees and the Environment
  - iv. Christmas Tree Research Worksheet

### 5. Corn Lessons – Corny

The students will research and have a town hall style meeting to discuss current issues, identify products made from corn and soybeans, create a collage, learn about ethanol, use a periodic table, identify soil nutrients, and take a soil sample.

- a. Corn Fast Facts
- b. Corn Math
- c. Diversity of Grain Production and Use Lesson Plan
  - i. Commodity Product Cards
  - ii. Corn and Soybean Products
  - iii. Town Hall Meeting Notes
  - iv. Ethanol Fact Sheet
  - v. Corn Plastic
- d. Nutrients and Fertilizers Lesson Plan
  - i. Periodic Table
  - ii. Corn Baby Activity
  - iii. Corn Kernel

- iv. Wisconsin DATCP Fertilizer Labeling Requirements
- v. Soil Sammy
- vi. Edible Soil Profile
- vii. A Slice of Soil

6. Cranberry Lessons – Berry Bunch

Students will study the history and geography of cranberry production, create an art project utilizing cranberries, use estimation skills, and learn how to conduct the “Bounce Test”.

- a. Cranberry Fast Facts
- b. Berry Math
- c. Not so wild anymore! Lesson Plan
  - i. Cranberry timeline
  - ii. Cranberry Terms
- d. Bouncing Cranberries Lesson Plan

7. Dairy Lessons – Holly Holstein

Students will learn to determine the cost of producing a product, learn about economic impact to a community, identify businesses in their community, learn about processing dairy product steps from the farm to final product, use math conversions related to milk products.

- a. Dairy Fast Facts
- b. Dairy Math
- c. Dairy Economics Lesson Plan
  - i. Where Your Food Dollar Goes
  - ii. Where Your Food Dollar Goes Answer Key
  - iii. Community Money Worksheet
  - iv. Community Money Worksheet Answer Key
  - v. Dairy Businesses in my Community
- d. Farm to Family Lesson Plan
  - i. Dairy Processing Steps
  - ii. What to Make with Milk
  - iii. What to Make with Milk Answer Key
  - iv. Plastic Bag Ice Cream
  - v. Homemade Butter
  - vi. Wisconsin – The Dairy State
  - vii. Wisconsin – The Dairy State Answer Key

8. Pork Lessons – Porkchop

Students will identify and investigate various careers, identify pork by-products and create a poster or paper about the history of pork products.

- a. Pork Fast Facts
- b. Pork Math
- c. Pork Industry Careers Lesson
  - i. Pork Careers survey sheet

- ii. A Day in the Life of a Pork Farmer
- iii. A Day in the Life of a Pork Farmer Answer Key
- d. Pork Products Lesson
  - i. Pork by-products word search

#### 9. Potato Lessons – Spud

Students will learn about potato production and how potatoes are processed, conduct experiments on how to grow potatoes, identify vegetable crops in Wisconsin, learn about Antigo Silt Loam, and identify why crops are grown in various types of soils.

- a. Potato Fast Facts
- b. Potato Math
- c. Potato Growth Lesson Plan
  - i. Spud the Potato
- d. Soil Type and Vegetable Production Lesson Plan
  - i. Wisconsin Agriculture Map Worksheet
  - ii. Wisconsin Agriculture Map Answer Key
  - iii. Spuds in my Kitchen!
  - iv. Edible Soil Profile

#### 10. Strawberry Lessons – Berry Bunch

Students will identify the parts of a flower and explain how fruit is formed, dissect a flower, learn about legends and do several writing projects related to how traditions are started.

- a. Strawberry Fast Facts
- b. Berry Math
- c. Strawberry Flowers and Plants Lesson Plan
  - i. Flower Parts Diagram
  - ii. Let's Grow Strawberries
  - iii. Let's Grow Strawberries Answer Key
- d. Strawberry Thanksgiving Lesson Plan

#### 11. Agricultural Statistics Lesson

The statistics lesson will allow the students to select a commodity and then identify production information, do graphing exercises, and learn about their county.

#### 12. Careers in Agriculture Lesson

The careers lesson will help students understand careers related to agriculture, identify skills needed for various jobs, conduct a self-evaluation of their skills and interests, and identify educational requirements needed for various jobs. They can also relate the career lesson to one of the ten commodities covered in *Fun Faces of Wisconsin Agriculture* as a part of that unit.

- a. Career Guide
- b. Agricultural Careers Descriptions
- c. What do they do?
- d. What can I do?