CORN
in the classroom
Missouri Corn
Fun Facts!

Parents and teachers – did you know?

- Missouri is ranked as one of the top 10 corn producing states in the nation.

- Actual farm value accounts for only 19 cents of every dollar of processed food. The remaining 81 cents is wrapped up in processing, packaging, transportation, marketing and other inputs.

- Corn farmers nationwide produce enough corn that we can export one in every five rows of corn each year.

- Only 1% of the corn America produces is sweet corn – the rest is field corn.

- Individuals or families own 85% of corn farms. Another 5% are family-held corporations.

- These days, farmers grow five times as much corn as they did in the 1930s – and do so on 20% less land.

- Today, farmers produce 70% more corn per pound of fertilizer than they did 35 years ago.

- Farm management practices have reduced soil erosion 43% over the last 20 years.

- Less than 15% of all the corn farmland in the U.S. is irrigated. The rest is only watered by Mother Nature in the form of rainfall.

- Increased ethanol production will add more than $1.7 trillion to the economy between 2008 and 2022.

- Missouri is home to six majority farmer-owned ethanol plants that produce approximately 275 million gallons of ethanol each year, replacing roughly 10% of the gasoline Missourians would otherwise use to drive their cars.

One bushel of corn (56 lb) provides:

- 31.5 lb. of starch
  OR
- 33 lb. of sweetener
  OR
- 2.8 gal. of ethanol
  OR
- 22.4 lb. of PLA fiber/polymer
  PLUS:
- 17.5 lb. of distillers dried grains w/solubles
  OR
- 13.5 lb. of gluten feed
- 2.6 lb. of gluten meal
  AND
- 1.5 lb. of corn oil
Corn is produced on every continent but one. On the lines (below), write the name of the continent that matches each number. Color each continent that produces corn green.

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

**Joke Time**
Why should you never tell a secret near a cornfield?
It has too many ears.
Twelve states produce the majority of the country’s corn and make up a region known as the “Corn Belt.” On the lines provided, identify each state in the Corn Belt labeled with the matching number on the map.
Most of the corn farmers grow is field corn. They use field corn to feed cows, pigs, chickens and other farm animals. Field corn is also used to make thousands of products that your family uses.

The corn you eat is called sweet corn and it sure tastes great! Although we love to eat it, only 1% of the corn grown in the United States is sweet corn.
Farmer John’s Classroom Maze!

Farmer John has to find all the things in the classroom that have corn in them. Help him get from START to STOP. Can you find the crayons, envelopes, paper, books, chalk, glue and paint?
Rubber tires, plastic toys, batteries, clothes, disposable diapers and wallpaper are just a few things made with corn! There is probably something made from field corn in your lunch! It is used to make many foods taste better. It also makes corn oil, margarine and shortening. Potato chips, cookies, cakes and pies can all have corn in them.
Many of the items we use daily are made with corn. In the word search puzzle, find the following products that contain corn. They may be found written vertically, horizontally or diagonally.

Words to find:

- ethanol
- soap
- ink
- pudding
- gum
- crayons
- paper
- trash bag
- paint
- cereal
- packing peanuts
- cosmetics
- glue
- diapers
- corn oil
- salad dressing
- soda
- ketchup
- medicine
- fireworks
Farmers across the U.S. are using corn to make fuel for our cars. Unlike gasoline, which is made from oil, ethanol is a renewable fuel that helps reduce our dependence on foreign oil and provides cleaner air for us all to enjoy.

**Word Scramble**

Unscramble the words to see how corn farmers and ethanol are helping to clean our environment.

bernaelwe  nerge  alnec  hollenen

oncr  resfmar  mtvnonneeri

in the classroom
Corn can be found in toothpaste, aspirin, makeup, soap and medicines. Corn helps you stay clean and healthy!

The uses many products made from corn at the bathroom. They brush their teeth with toothpaste made with corn. When he has a headache, he takes aspirin to make it go away. He puts on makeup to put extra color on her face. Everyone uses corn to wash the dirt off. When you are sick with a cold and have a lot, you take aspirin to make it stop.
Page 3
1. Africa (green)
2. Antarctica
3. Asia (green)
4. Australia (green)
5. Europe (green)
6. North America (green)
7. South America (green)

Page 4
1. Illinois
2. Iowa
3. Indiana
4. Kansas
5. Kentucky
6. Michigan
7. Minnesota
8. Missouri
9. Nebraska
10. Ohio
11. South Dakota
12. Wisconsin

Page 6
Stop
Start

Page 8
What is the only rank in the all corn army? Kernel!

Page 9
renewable green clean ethanol
corn farmers environment