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.

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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
Map of the Continents

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.
Map of the United States

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.

1. ________________  7. ________________
2. ________________  8. ________________
3. ________________  9. ________________
4. ________________ 10. ________________
5. ________________ 11. ________________
6. ________________ 12. ________________
Field Corn & Sweet Corn

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.

And many more.

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 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.
The Many Uses of Corn!

Why was the corn cob given an award? It was outstanding in its field.

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
- gum
- paint
- glue
- soda
- soap
- crayons
- cereal
- diapers
- ketchup
- ink
- paper
- packing peanuts
- corn oil
- medicine
- pudding
- trash bag
- cosmetics
- salad dressing
- fireworks

Corn in the classroom
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  holtena

oncr  resfmar  mtvnonneeri

CORN in the classroom
Story Time

We all know about the 🌽 we eat.
But, 🌽 in the cabinet is extra neat.

Babies wear diapers after they are born.
The disposable ones are made with 🌽.

Kids eat chocolate cake for the yummy taste.
 высоко cleans up the mess with soap and toothpaste.

Moms use 🌽 to make themselves look nice.
Lipstick and makeup are made with 🌽, not rice.

Dads work hard and sometimes get headaches.
 высоко is in medicine and aspirin for him to take.

Everyone uses 🌽, even writers and poets.
But, most people need a poem to make them know it.

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

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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

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

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renewable green clean ethanol corn farmers environment

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