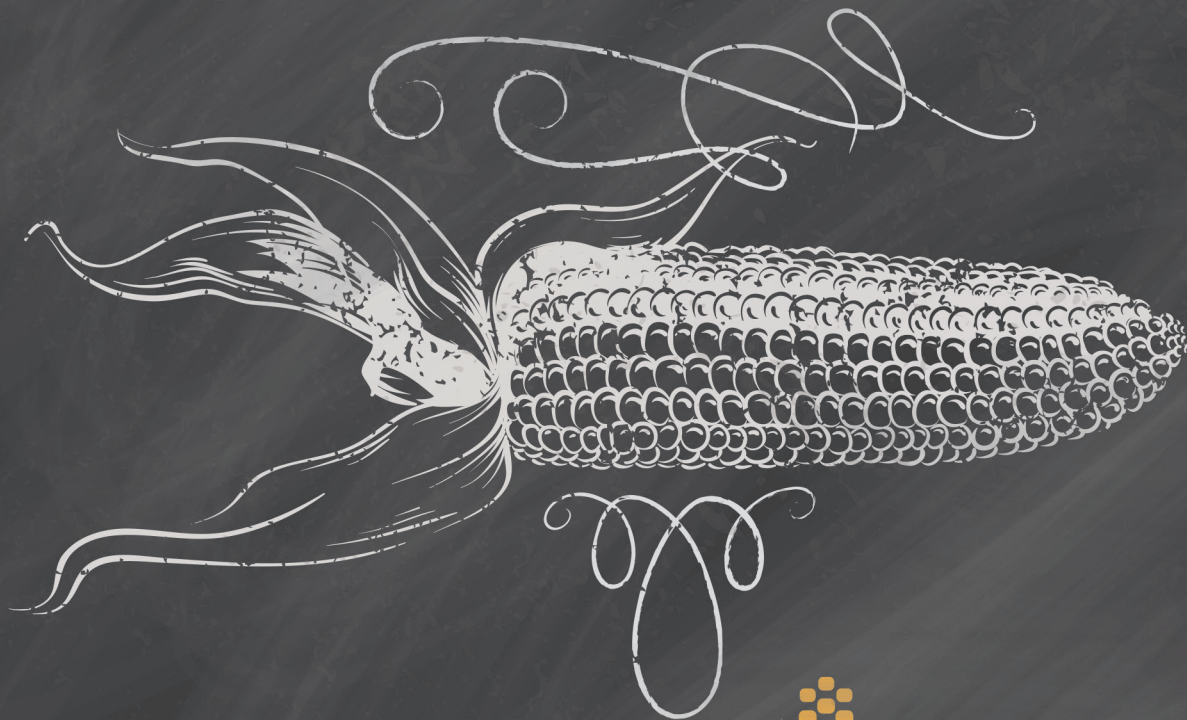


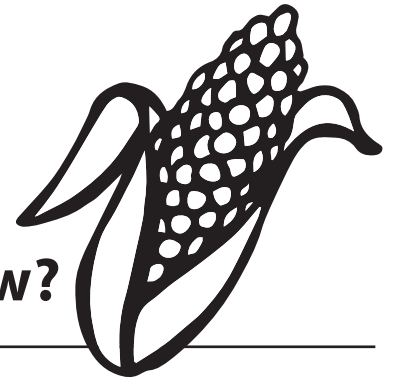
Corn in the Classroom



MissouriCorn

PLANTING OPPORTUNITY

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

Map of the Continents

Joke Time
Why should you never tell a secret near a cornfield?
It has too many ears.

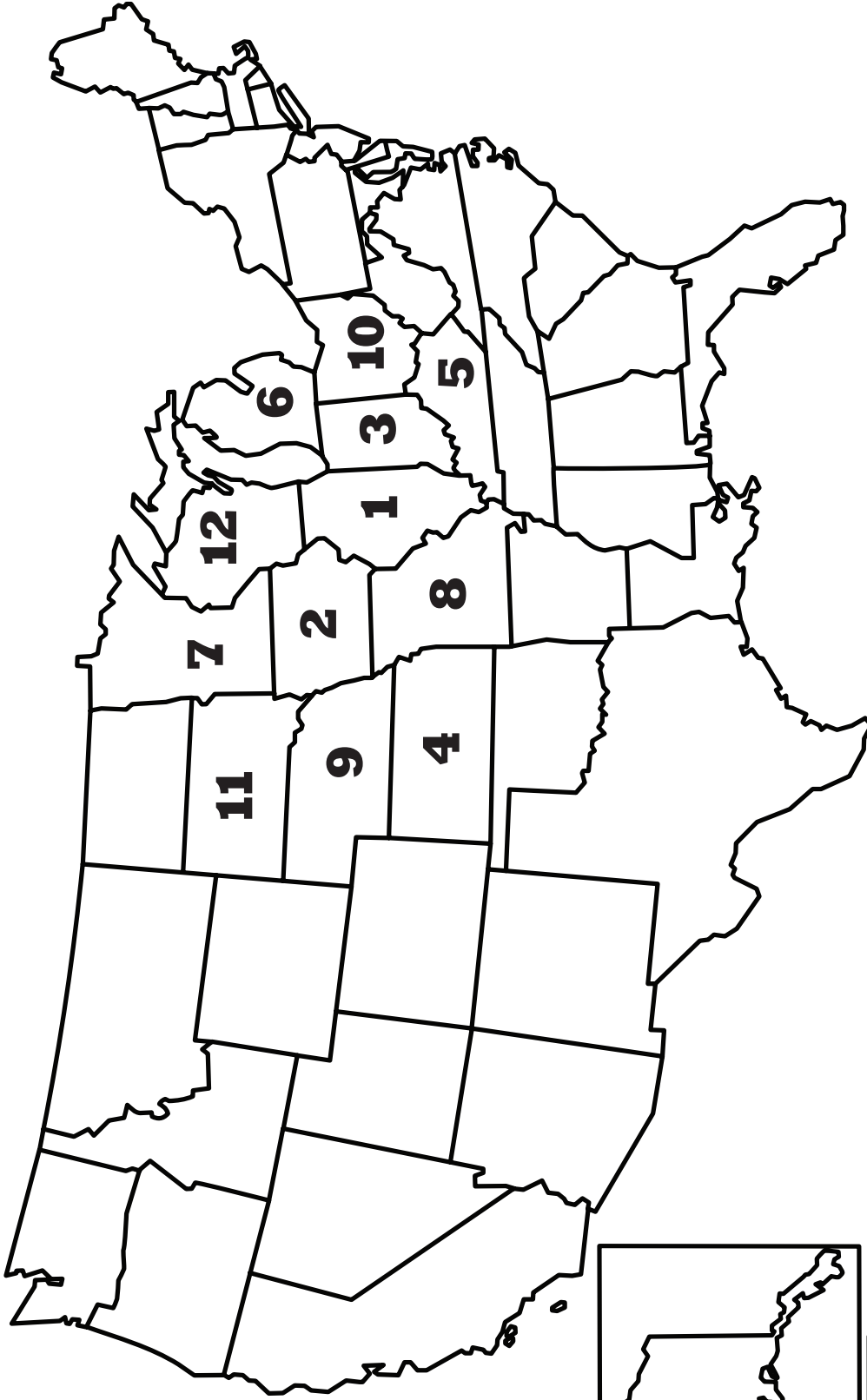


Corn is produced on every continent but one. On the lines (below), write the name of the continent that matches each number. Color each continent that produces corn green.

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

CORN
in the classroom

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. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

CORN
in the classroom



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.



paint



soap



fireworks



gum



glue



crayons



cereal



ketchup

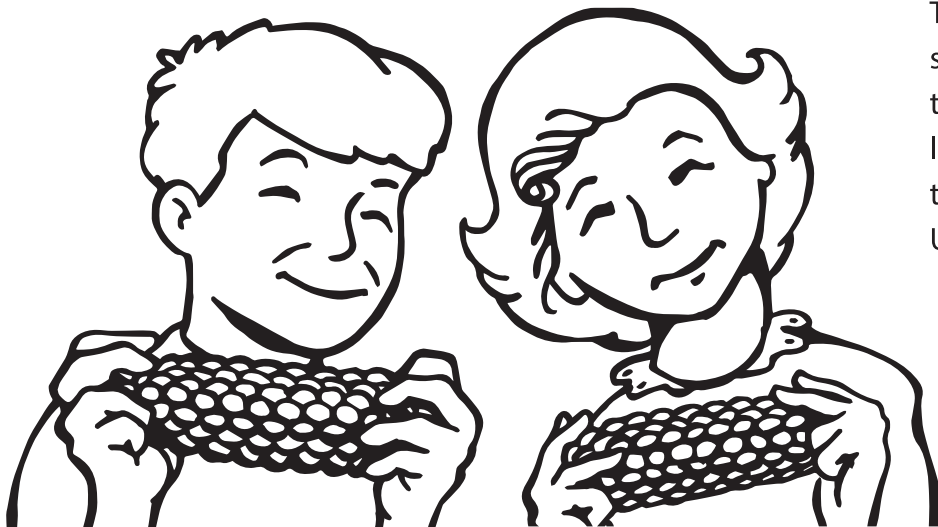


ink



cosmetics

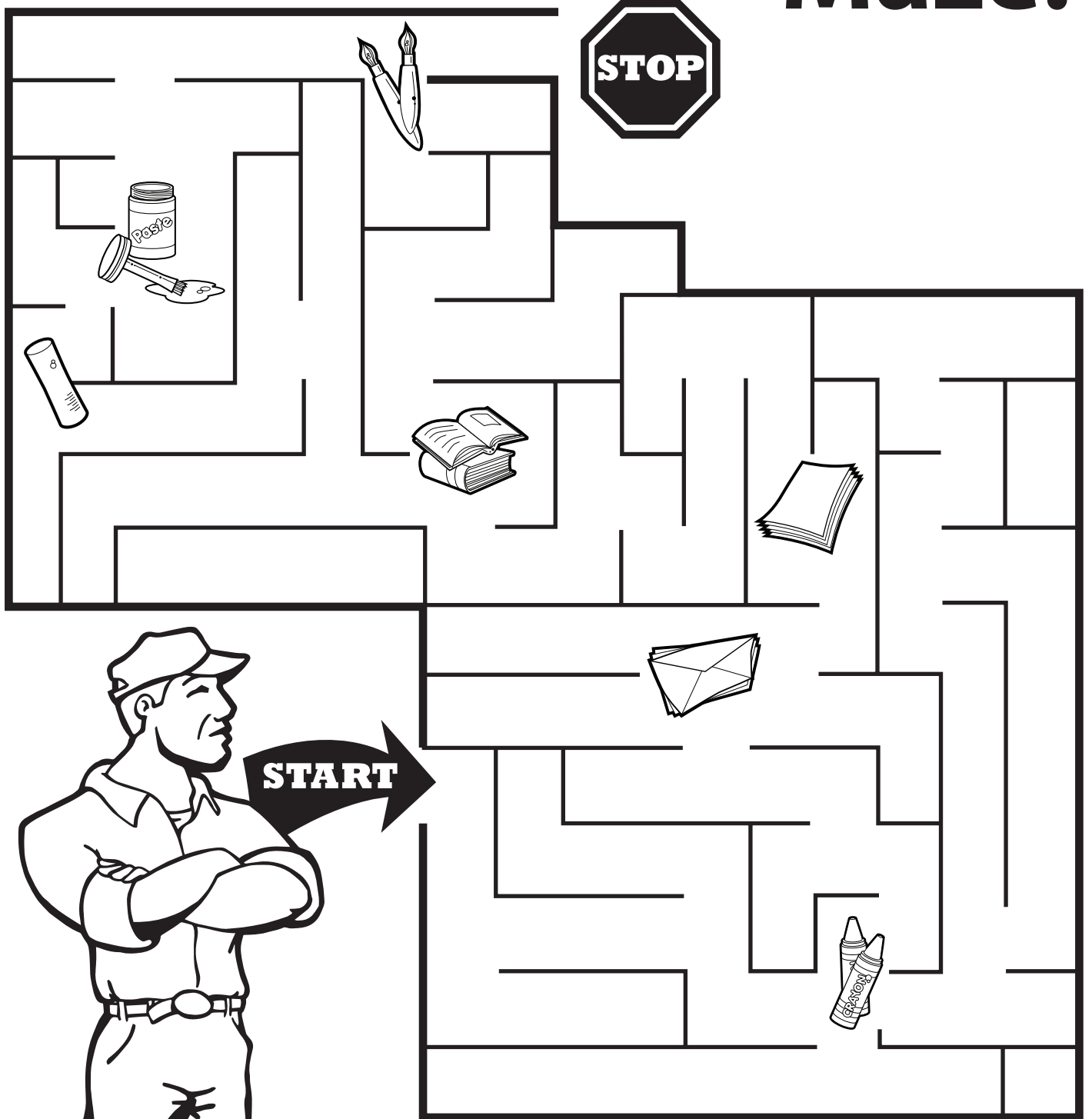
And many more.



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.

CORN
in the classroom

Farmer John's Classroom Maze!



START

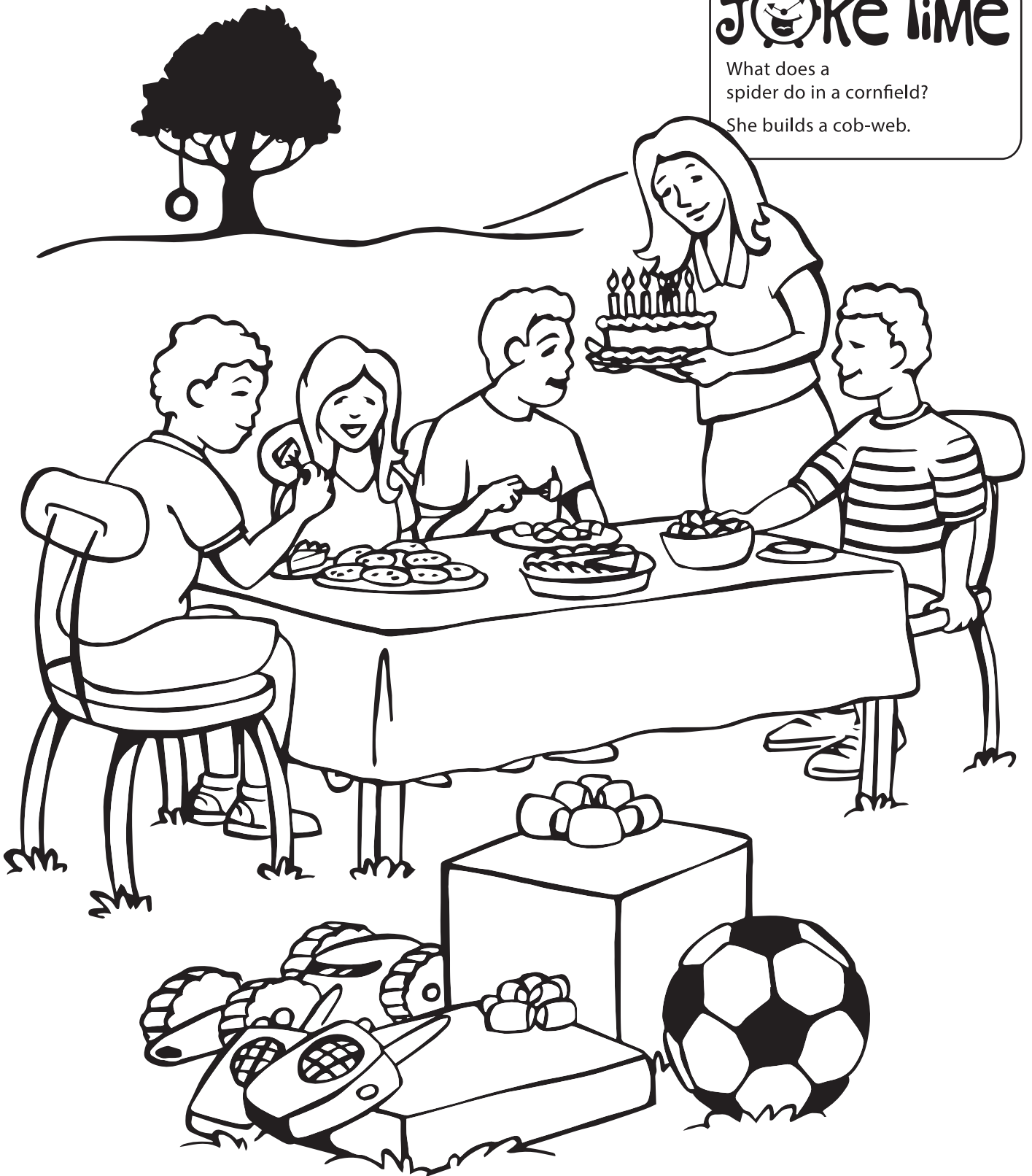
STOP

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?

CORN
in the classroom

Joke Time

What does a spider do in a cornfield?
She builds a cob-web.



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.

CORN
in the classroom



The Many Uses of Corn!

W W P J C R A Y O N S N I Q V P V C O G S
 E M P A C K I N G P E A N U T S W A I E A
 F C M R T L D S N R D C K P L F L J M G L
 U G V N A T S O H O I G C D X P G U H P A
 F D I E H R G G S T W S O O I D G S C A D
 K A R E E N A Q I C F I R E W O R K S A D
 P E U P I B E S L O W P N K E D L P M O R
 C L A D H A B O Q T U I O U W O Q D H V E
 G I D S R M H A C H C Q I X N J N B B K S
 D U A E G Y G P C I N A L A U I E O K L S
 P R P D Y D V T D Y L M H Q E C U E L E I
 T A O B E X E E N N N T F M Y R G S J I N
 P O K D H K M O F U E C O S M E T I C S G

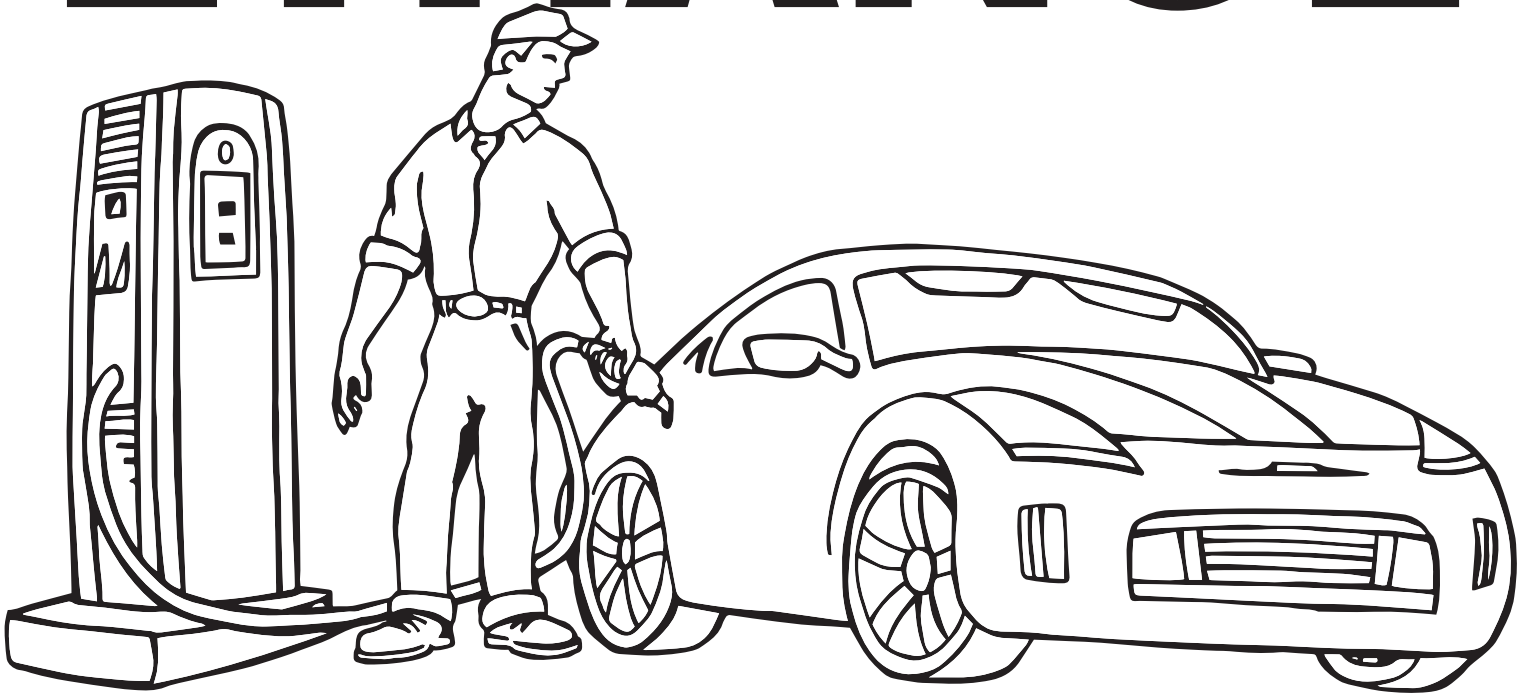
Many of the items we use daily are made with corn. In the word search puzzle, find the following products that contain corn. They may be found written vertically, horizontally or diagonally.

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 |

CORN
 in the classroom

ETHANOL



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.
 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.
 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!

CORN
in the classroom

The Answers

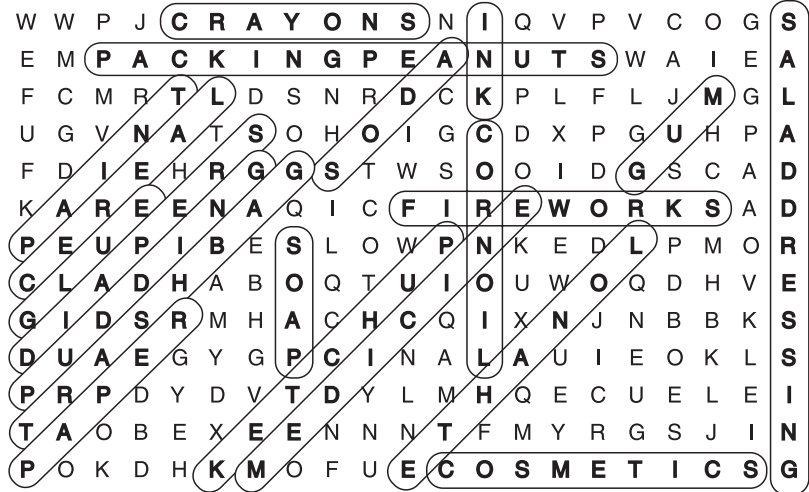
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1. Africa (green)
2. Antarctica
3. Asia (green)
4. Australia (green)
5. Europe (green)
6. North America (green)
7. South America (green)

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

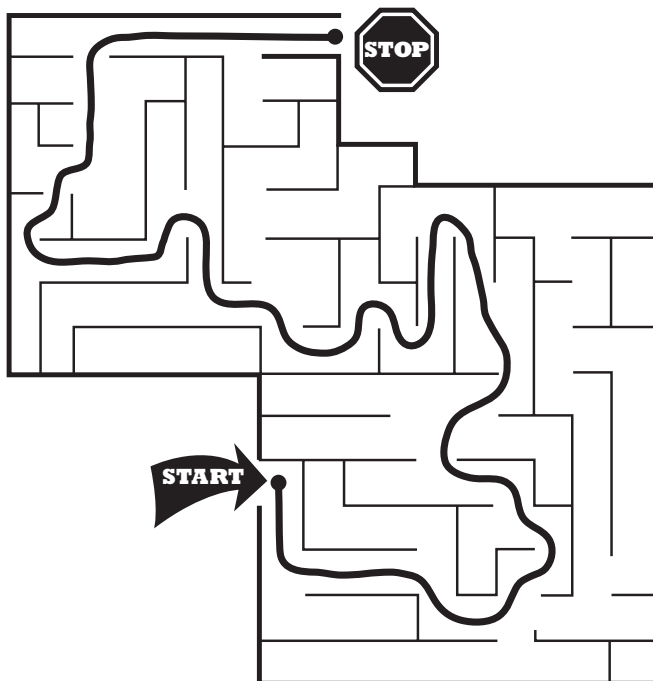
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renewable green clean ethanol
 corn farmers environment

Page 6



CORN
 in the classroom



Missouri Corn Merchandising Council

3118 Emerald Lane • Jefferson City, MO 65109

Phone: (573) 893-4181 • Toll-free: (800) 827-4181 • Fax: (573) 893-4612

E-mail: mcga@mocorn.org • Web: www.mocorn.org

Follow us on Twitter: www.twitter.com/MissouriCorn