



Name: _____

Corn Seasons

Corn is used in more than 3,500 ways. To name just a few, there is corn starch, corn syrup, corn oil, popcorn and good old eating corn. Corn is even used to make a kind of fuel called **ethanol**.

Replace the missing words.

EARS

SOIL

GROWING

STALKS

WATER

HURT

FIX

RAINS

Spring

Corn seeds are planted in the spring. Corn seeds are called **kernel**s.

In the spring, farmers wait until the _____ is warm before planting corn. The corn kernels need warm soil and spring _____ to start growing.

Summer

During the summer, farmers care for their corn plants. They make sure they get enough _____. They check for weeds, diseases and insects that could _____ the plants. It takes science to grow healthy corn crops!

With water and warmth, corn grows about 2 inches a day. Corn _____ usually grow to about 8 feet tall. The tallest stalk on record was about 45 feet tall—nearly as tall as a four-story building!

Fall

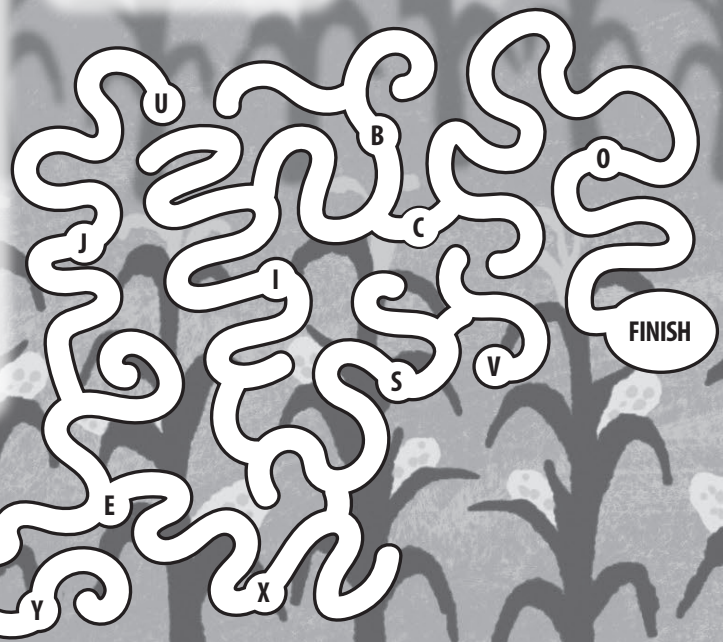
In the fall, corn plants stop _____. The plants turn brown, and the _____ point down. Farmers wait for the ears of corn to dry, and then they harvest.

Winter

Farmers ship their corn to customers. They also _____ their equipment and get ready to plant again in the spring.

Corn was first grown in this country more than 9,000 years ago:

_____ The letters along the correct path through the corn maze reveals the answer!



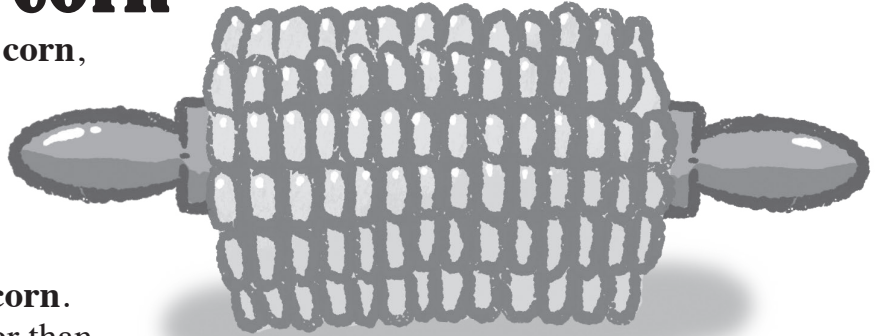


Name: _____

Two Kinds of Corn

Most of the corn grown is **dent corn**, also called **field corn**. Dent corn is picked dry and used mostly for livestock feed and ethanol.

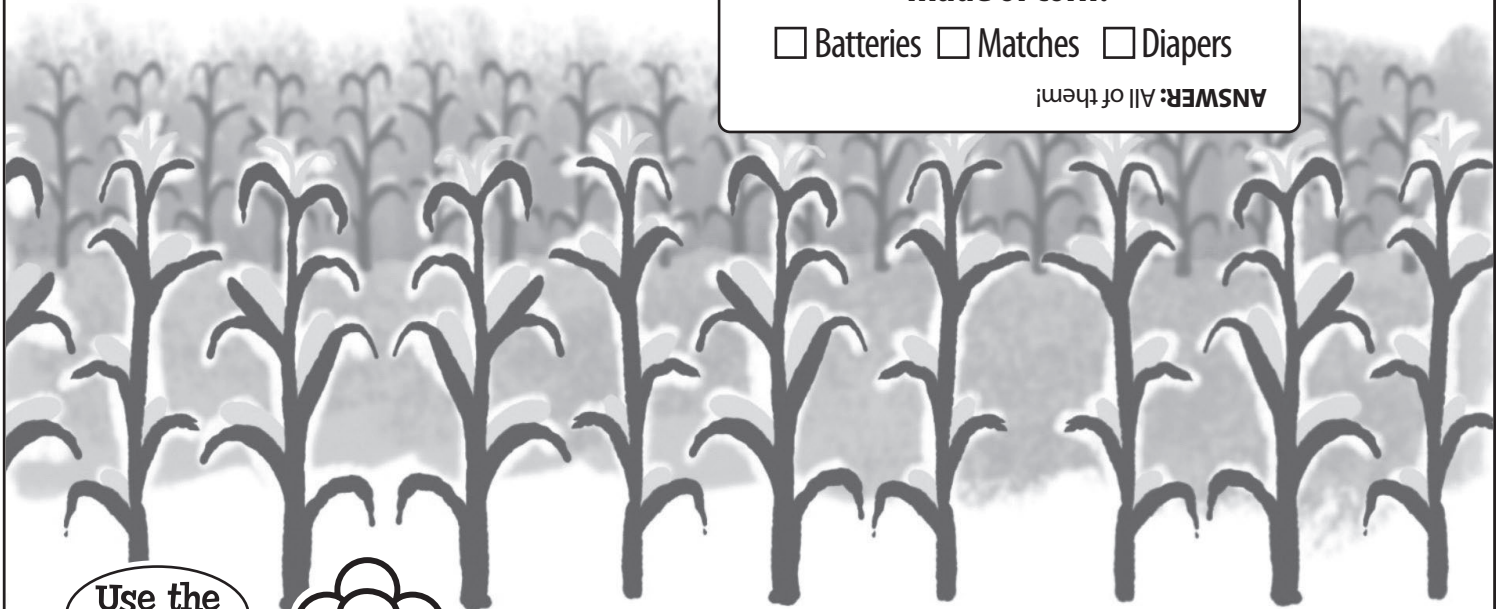
Another popular corn is **sweet corn**. Sweet corn is sweeter and juicier than dent corn and is the kind we eat!



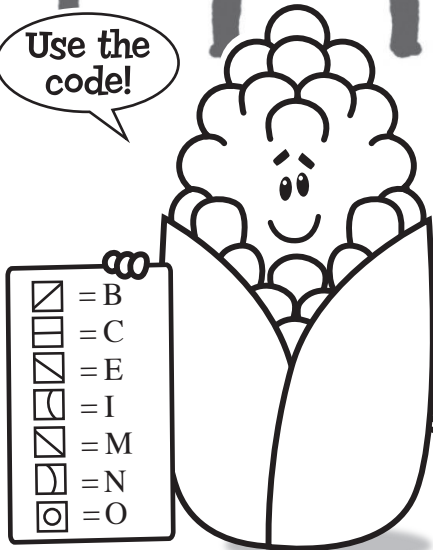
Which of these things are partly made of corn?

- Batteries Matches Diapers

ANSWER: All of them!



Use the code!



How Technology Helps Farmers

Corn for many centuries was picked by hand. But there have been many inventions that help farmers.

One machine combines several farming jobs in one machine. It cuts the corn stalks and then brings them through the machine. This machine then separates the kernels from the rest of the plant. The machine is called a:

- _____
-

Standards Link: Life Science: Understand the origin and uses of food products.

Name:  **Kid Scoop Together**
Corny Math

Work with a family member to use your math skills to reveal more facts about corn.

Each corn stalk usually grows _____ ear of corn.

$$12 - 11 = \underline{\quad}$$

The average ear of corn usually has about _____ kernels.

$$670 + 130 = \underline{\quad}$$

If you plant one kernel and care for it, you end up with _____ kernels!

$$400 + 400 = \underline{\quad}$$

If a farmer plants 30,000 kernels in one acre, how many will he plant in 100 acres?

About how many are there in two ears of corn?

$$800 + 800 = \underline{\quad}$$

If a giraffe is 16 feet tall, how much taller is the tallest stalk of corn ever measured?

If a corn plant grows 2 inches a day, how long until it is 12 feet tall?

.....

Make a Tall Corn Stalk

Roll up sheets of the newspaper to make long rolls. How long is one sheet rolled? Estimate how many more pages need to be rolled to make one long roll that is 45 feet long. Then keep rolling pages and lining them up until you make a 45-foot-long roll—the length of one of the tallest corn stalks measured.

Standards Link: Math: Estimate lengths.

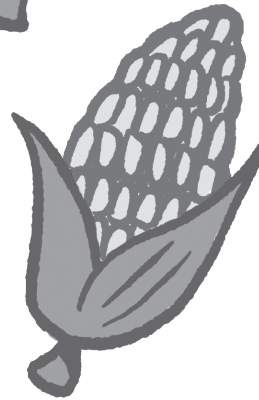
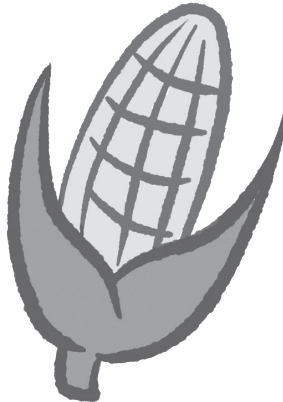
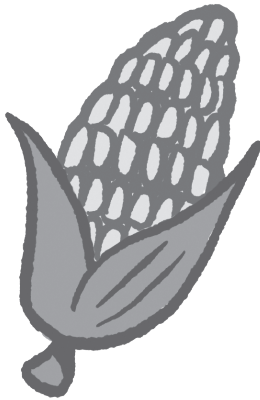
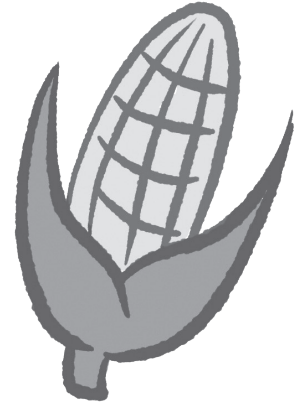
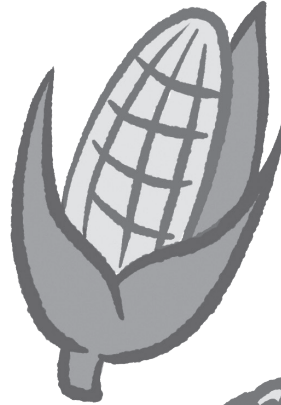
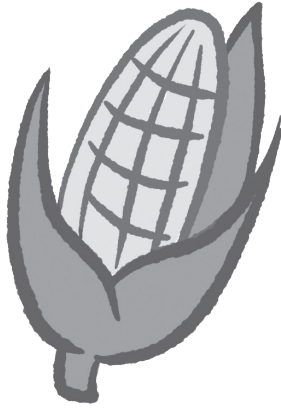


Name: _____

Puzzler



Can you find each ear of corn's twin?



VOCABULARY BUILDERS

STALK

The noun **stalk** means the main stem of a plant.

The corn plant has one main stem called a **stalk**.

Try to use the word **stalk** in a sentence today when talking with your friends and family members.



Why did all the farmer's jokes make everyone groan?

ANSWER: They were really corny jokes.



Name:

Write On!



Your Favorite Vegetable

Write a riddle for people to figure out your favorite vegetable.



Life Cycle

Look through the newspaper for pictures that show people, animals or things at different stages of their lives. Cut them out to create a life cycle.

Standards Link: Life Science: Understand the natural life cycle of people and objects.



Name:

Kid Scoop Jumbo Word Search

Find the words by looking up, down, backwards, forwards, sideways and diagonally.
Then see how many of these words you can find in today's newspaper.

- ACRE
- CARE
- CORN
- CROPS
- DENT
- EAR
- FARMER
- FEED
- FIELD
- GROWS
- HARVEST
- PLANT
- STALK
- SWEET
- WATER

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

Standards Link: Letter sequencing. Recognize identical words.
Skim and scan reading. Recall spelling patterns.



Name: _____

Answers

Page 1

Spring
soil
rains

Summer
water
hurt
stalks

Fall
growing
ears

Winter
fix

Corn was first grown in this country more than 9,000 years ago:
Mexico

Page 2

How Technology Helps Farmers
Combine

Page 3

Corny Math

Each corn stalk usually grows **1** ear of corn.

The average ear of corn usually has about **800** kernels.

If you plant one kernel and care for it, you end up with **800** kernels!

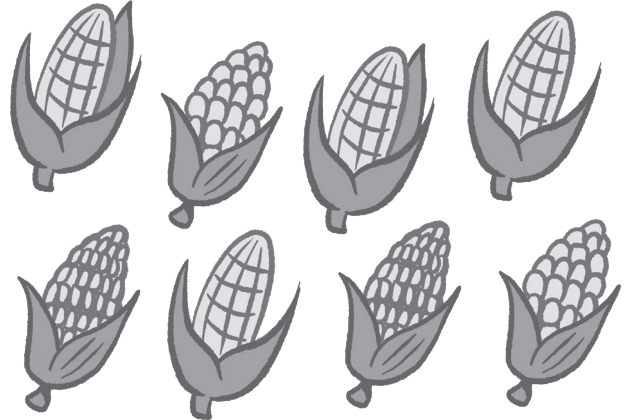
If a farmer plants 30,000 kernels in one acre, how many will he plant in 100 acres? **3,000,000**

About how many are there in two ears of corn? **1,600**

If a giraffe is 16 feet tall, how much taller is the tallest stalk of corn ever measured? **29 ft.**

If a corn plant grows 2 inches a day, how long until it is 12 feet tall? **72 days**

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