



Corny Activity Sheet (4th-7th)

Fun Facts About Corn

- Farmers grow corn on every continent except Antarctica.
- One bushel of corn will sweeten more than 400 cans of Coca-Cola.
- There are about 800 kernels in 16 rows on each ear of corn.
- The corncob (ear) is actually part of the corn plant's flower.
- The main ingredient in most dry pet food is corn.
- Corn is America's number one field crop. Corn leads all other crops in value and volume of production.
- A pound of corn consists of approximately 1,300 kernels.
- Corn is used to produce fuel alcohol. Fuel alcohol makes gasoline burn cleaner, reducing air pollution, and it doesn't pollute the water.

Corn Word Scramble - Unscramble the words below to discover some of the things that have corn products in them

- nroc sekalf c _ _ _ f _ a _ _ _ ~ You can eat these for breakfast (best when eaten with milk)
- cei earcm _ c _ _ _ _ m ~ I scream, you scream, we all scream for . . .
- acco oalc _ o _ _ c _ _ _ ~ The most popular soda in the world
- nuteap ttreub p _ _ _ u _ _ _ t _ _ r ~ Paired with jelly, it makes a delicious sandwich
- upchket _ _ t _ _ u _ ~ Most people eat it on their french-fries
- mallmarowssh m _ _ _ _ _ a _ _ _ w ~ This makes S'mores yummy
- golansie g _ _ o _ _ _ _ ~ Fuel for your car
- etp odfo _ e _ _ f _ _ _ ~ Fido eats it for dinner

Corn Calculations ~ Use these figures to solve the math problem below

You are a farmer who owns 491 acres of farmland. Seed corn costs \$20.00 per acre. Fertilizer costs \$27.00 per acre. Fuel and other expenses cost \$15,000.00 each year. Herbicide costs \$62.25 for a 2.5 gallon container which treats 7 acres.

1. You have decided to plant corn. How much will it cost for corn seeds to plant all of your farmland?
2. Your corn crop is great! You harvest 150 bushels per acre. What is the total number of corn bushels harvested?

3. You decide to sell your corn today. The market is paying \$2.60 per bushel. Calculate how much you will be paid for your corn.

The Corn Plant - Draw lines to match the parts of the corn plant with its definition

- **Ear or cob:** protected by a husk of tightly wrapped leaves
- **Kernels:** the plant's seed and the part you eat
- **Roots:** these go deep into the soil and carry food and water to the corn plant
- **Silk:** long soft threads at the top of the corn plant
- **Stalk:** the stem of a corn plant (some kinds of corn have stalks as high as 31ft)
- **Tassel:** the flower at the top of the plant

Careers That Help Grow Corn ~ Many occupations are related to agriculture. Match the following career descriptions with their related job

1. Apiarist _____
2. Bacteriologist _____
3. Biologist _____
4. Botanist _____
5. Conservationist _____
6. Entomologist _____
7. Horticulturist _____
8. Hydrologist _____
9. Microbiologist _____
10. Soil Scientist _____
11. Biochemist _____

- a. Studies the soil
- b. Studies plants
- c. Studies insects
- d. Studies chemicals in living things
- e. Studies beekeeping (bees pollinate the corn)
- f. Studies the raising and caring for plants
- g. Studies bacteria
- h. Studies living things
- i. Studies and supports the conserving of natural resources
- j. Studies water
- k. Studies living things seen through a microscope

There are more than 3,500 uses for corn products. Corn does much more than feed people and livestock! It is processed and used in such things as baby food, chewing gum, dessert icing, fireworks, ethanol fuel, peanut butter, antibiotics, potato chips, soap, paint and rust preventatives, It's also used in vitamins, the manufacturing of photographic film and in the production of plastics.

ANSWERS:

Word Scramble: corn flakes, ice cream, Coca Cola, peanut butter, ketchup, marshmallow, gasoline, pet food

Calculations: \$9820; 73,650 bushels; \$191,490

Careers: 1-e ; 2-g ; 3-h ; 4-b ; 5-i ; 6-c ; 7-f ; 8-j ; 9-k ; 10-a ; 11-d