Corn

ACTIVITY PLAN

OBJECTIVES

- Identify Parts of a Corn Plant
- Name Types of Corn
- List Different Corn Products

ACTIVITY

Corn Plastic Experiment

Materials:

Plastic Bag with corn starch, dropper,

condiment cups

YOU WILL NEED:

- Vegetable Oil, Water, Food Coloring (optional)
- Access Activity Video

(Video will be available on FB and YouTube)

Corn

TYPES OF CORN

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

MissouriCorn
PLANTING OPPORTUNITY

Agriculture™
EDUCATION
on the move.

Corn

USES OF CORN

The Many Uses of Corn!

JOKE TIME

Why was the corncob given an award?

It was outstanding in its field.

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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
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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:

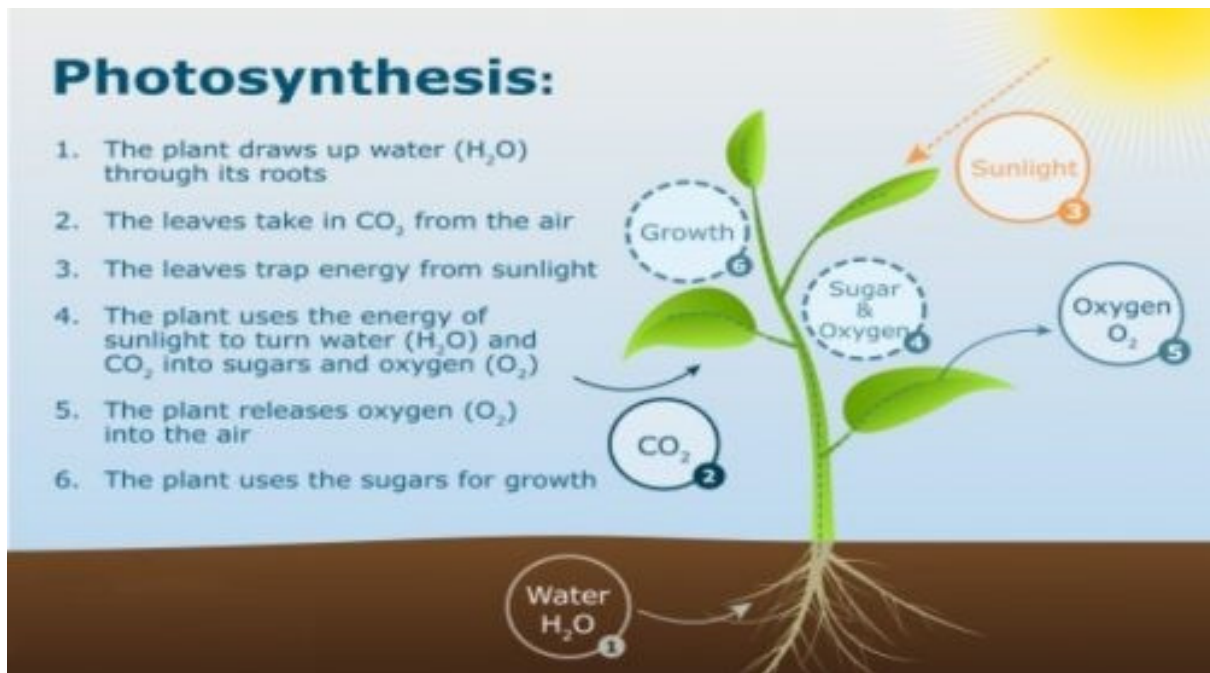|			
ethanol	soap	ink	pudding
gum	crayons	paper	trash bag
paint	cereal	packing peanuts	cosmetics
glue	diapers	corn oil	salad dressing
soda	ketchup	medicine	fireworks

CORN in the classroom

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Corn

MORE ON PHOTOSYNTHESIS

Soybeans and corn are both
classified as plants. Plants are called autotrophs because they can create
their own food from inorganic substances!
When you are hungry, what do you do? Do you go to the kitchen and grab an
apple? Maybe you open the refrigerator and find a piece of cheese. Plants don't
have to go anywhere for their food! Through a chemical change process called photosynthesis,
plants develop food.

PHOTOSYNTHESIS COMES FROM TWO GREEK WORDS:
PHOTO MEANING LIGHT
AND
SYNTHESIS MEANING PLACE TOGETHER

Photosynthesis:

1. The plant draws up water (H_2O) through its roots
2. The leaves take in CO_2 from the air
3. The leaves trap energy from sunlight
4. The plant uses the energy of sunlight to turn water (H_2O) and CO_2 into sugars and oxygen (O_2)
5. The plant releases oxygen (O_2) into the air
6. The plant uses the sugars for growth

The picture above explains
how plants take water (H_2O)
from the soil, carbon dioxide (CO_2) from the air, and energy from sunlight to generate
their own food! Then plants release oxygen (O_2) into the air. Animals, including, humans breathe
oxygen. Isn't it amazing that farms not only grow plants that we eat but help
produce the oxygen we breath!

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