

FUN WITH THE AN ACTIVITY BOOK DEVELOPED

FOR SECOND AND THIRD GRADE.

Humans, animals, and plants all depend on soil for life. Without soil, we could not grow the food we eat, there would be no place to hold and store the water we drink, and there would be no place for us to build our houses, roads, schools and cities.

Caring for the soil is important to our lives. As the world population increases and more food is needed to feed everyone, knowing what is best for the soil, what is best for the plants, and what is best for the world around us is a necessary part of everyone's education.

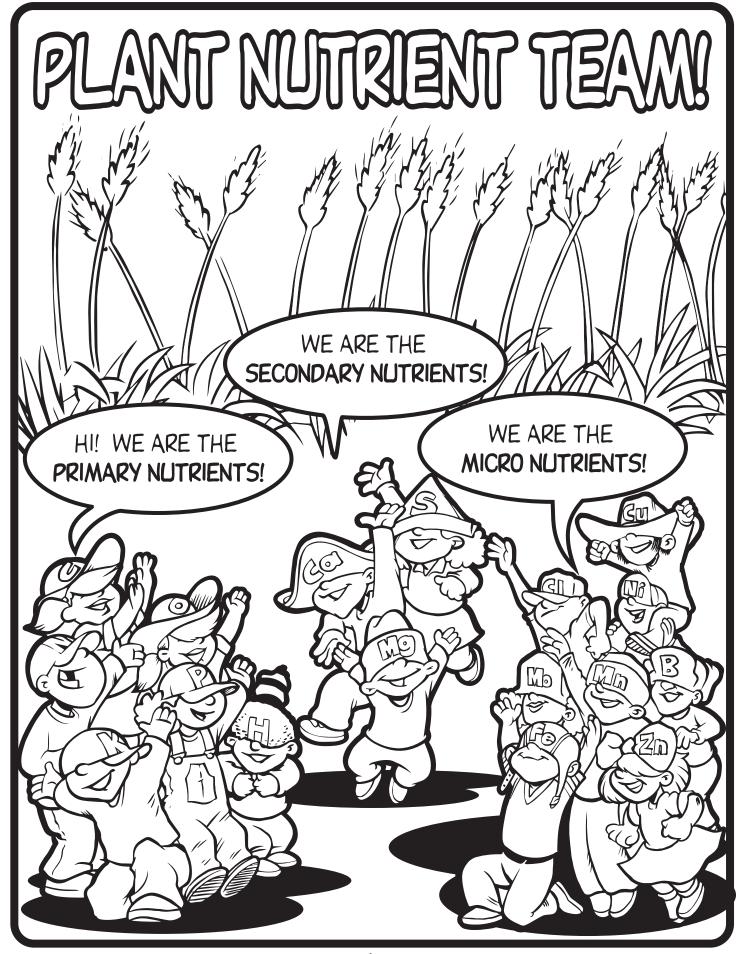
Just like people, plants require nutrients to be healthy. When some nutrients are missing, plants do not grow well. Farmers work hard to add just what is needed to grow their crops.

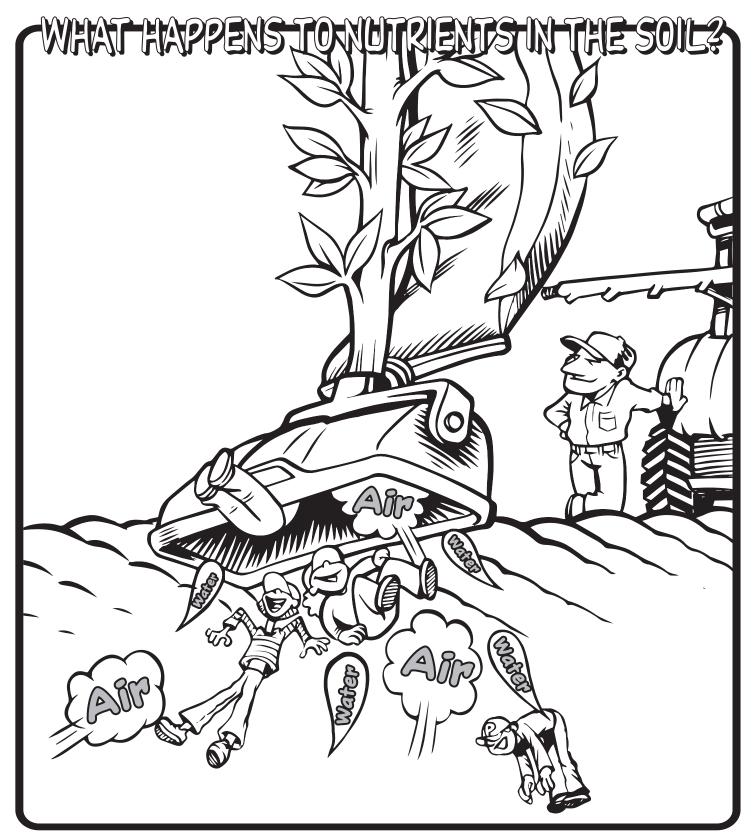
Our Fun With The Plant Nutrient Team activity book was written to help children better understand what the soil needs to be healthy in order to provide us with healthy foods.



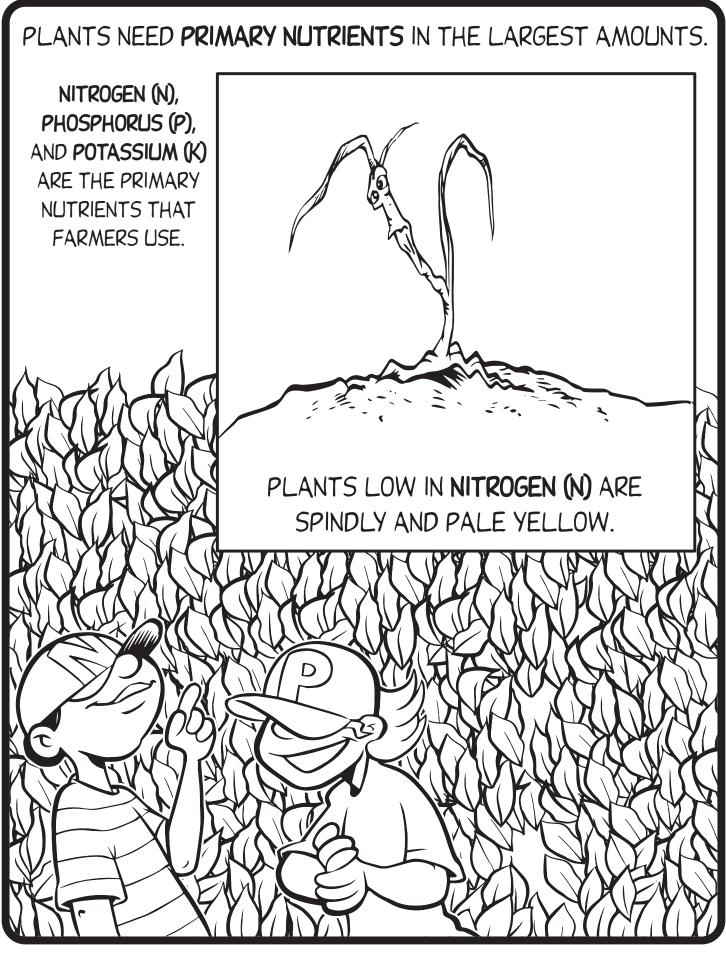
This publication is produced by the International Plant Nutrition Institute (IPNI). The mission of IPNI is to develop and promote scientific information about the responsible management of plant nutrition for the benefit of the human family. The Institute's programs are conducted by a staff of Ph.D. scientists in various regions, plus other support personnel.

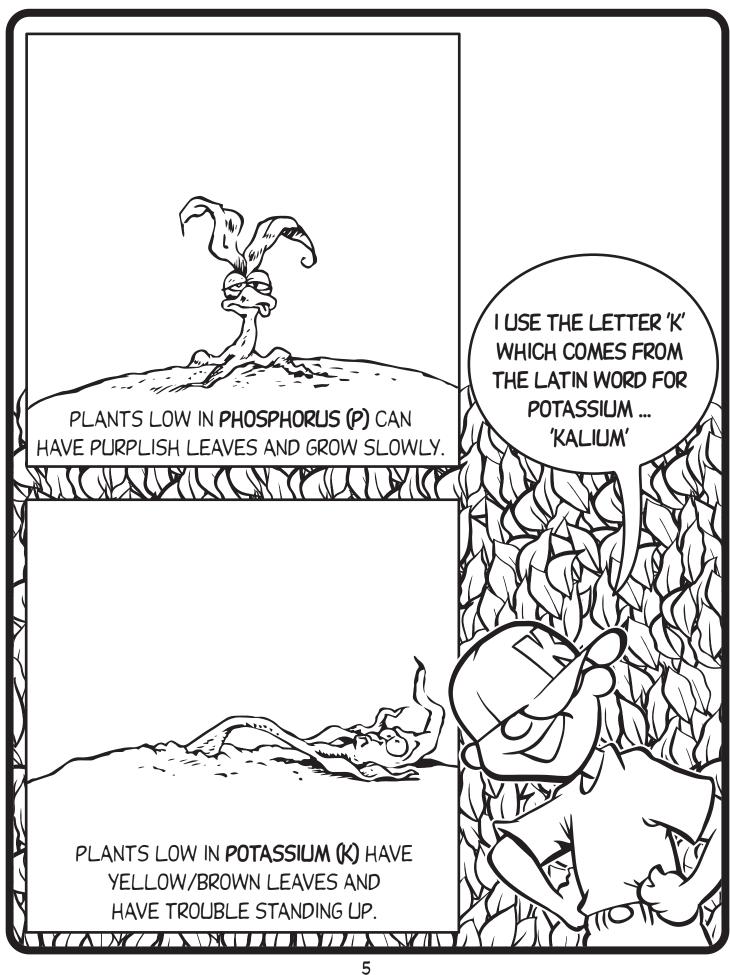


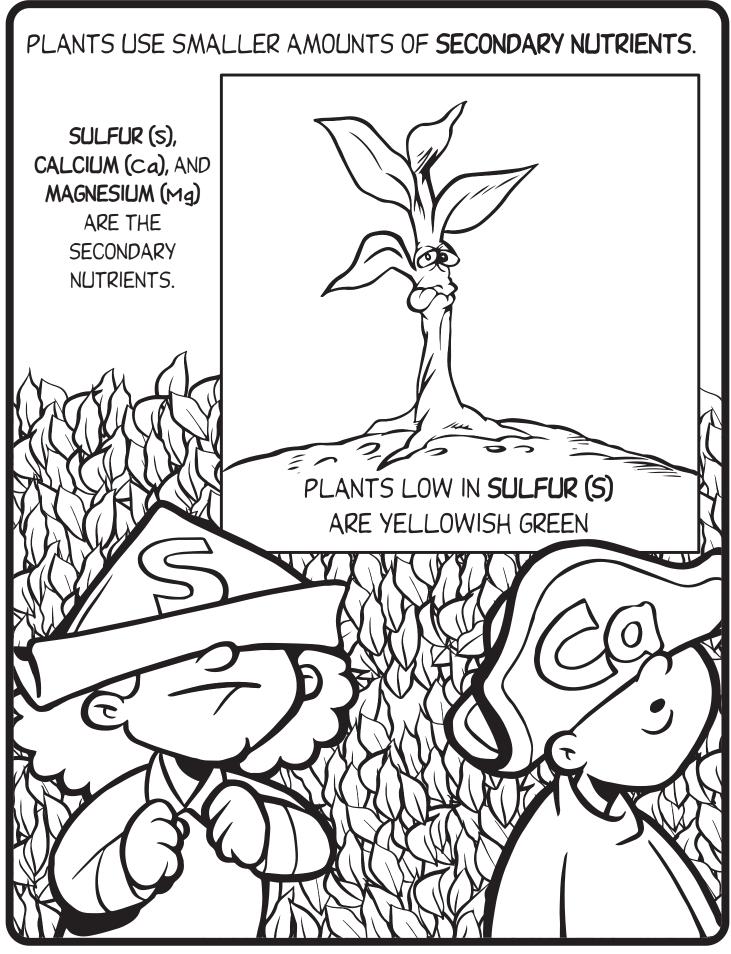




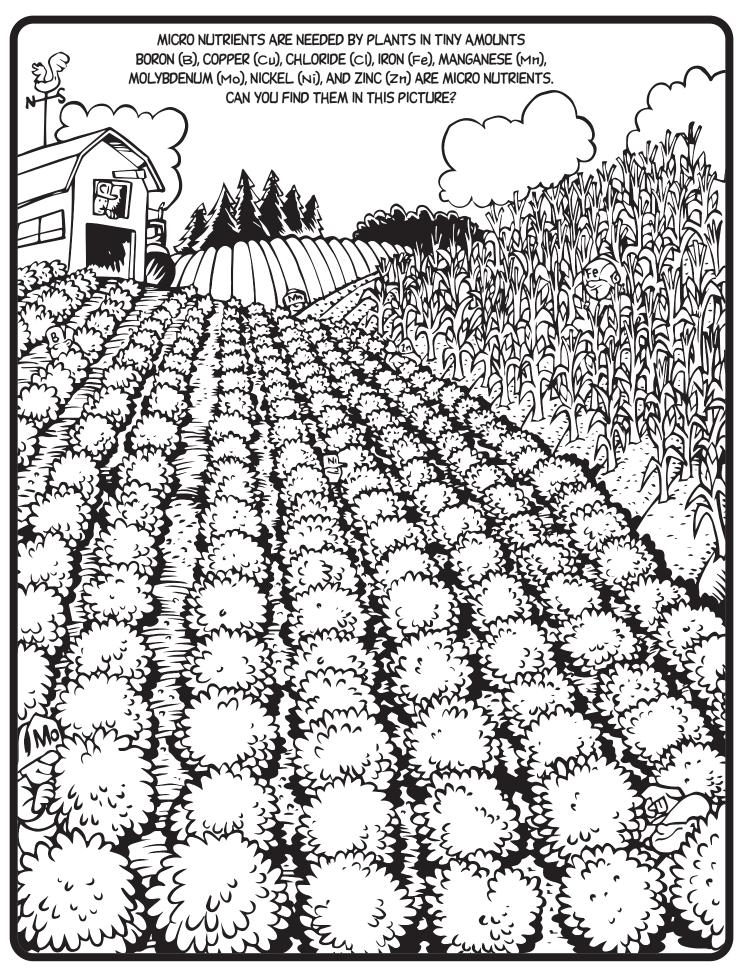
AS PLANTS GROW, THEIR ROOTS TAKE UP NUTRIENTS FROM THE SOIL. THAT'S WHY FARMERS NEED TO ADD NUTRIENTS BACK INTO THE SOIL AFTER PLANTS ARE HARVESTED.

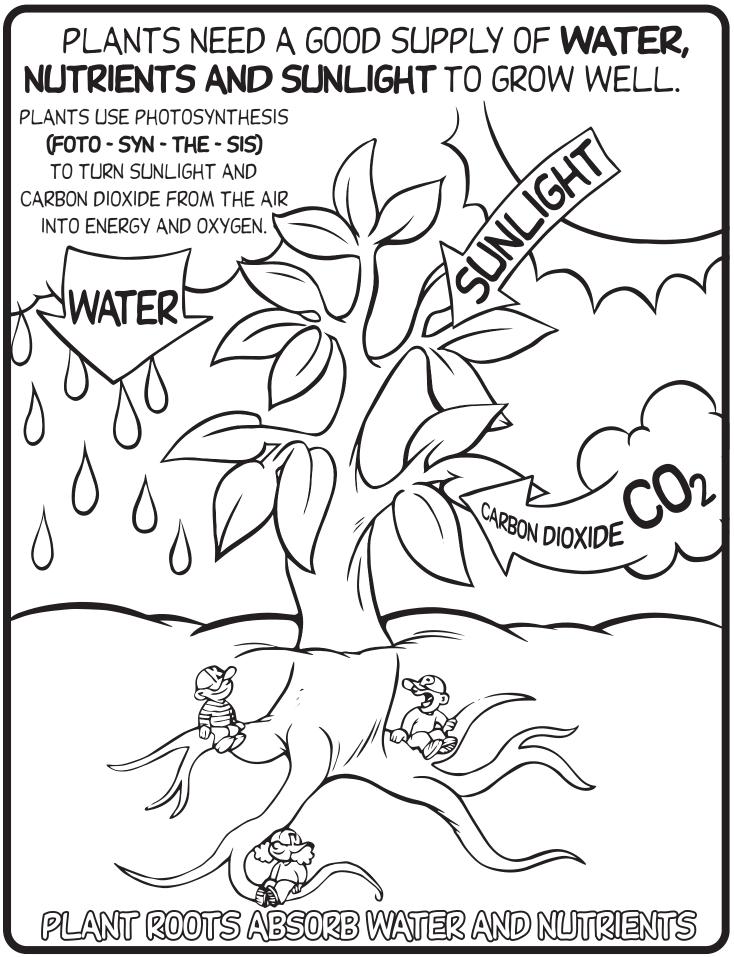


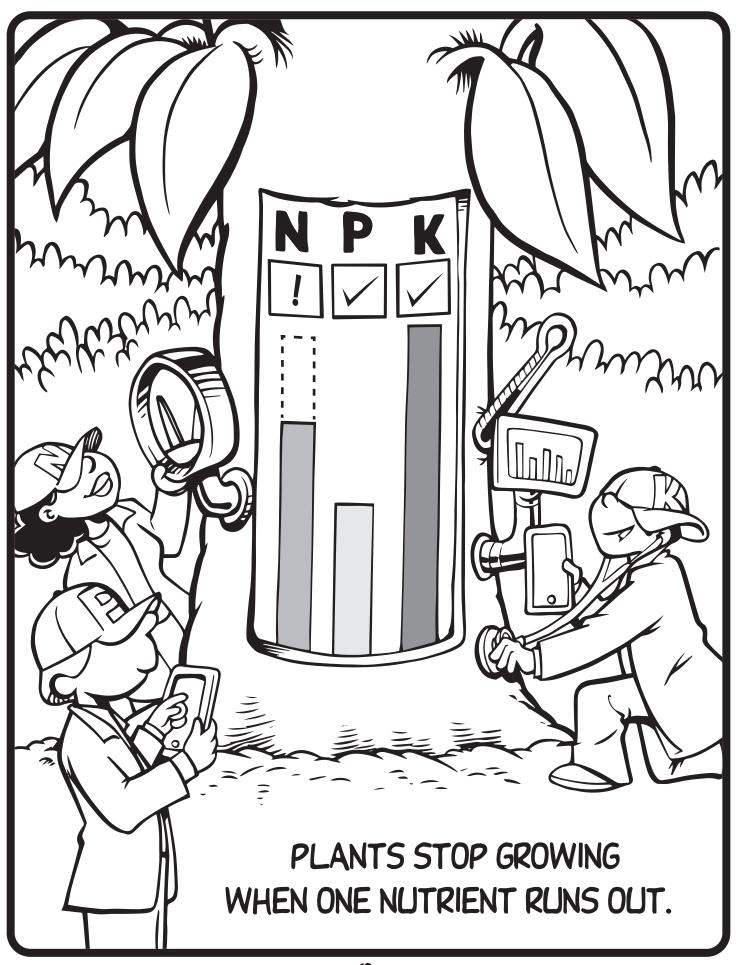






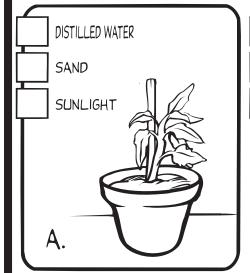


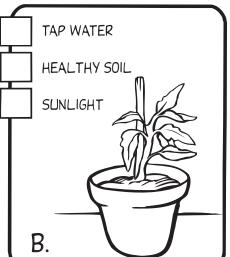


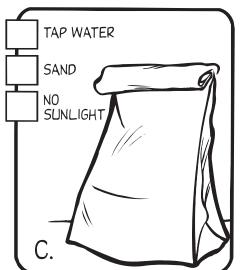


LET'S DO AN EXPERIMENT!

LET'S SEE WHAT HAPPENS TO PLANTS WHEN THEY DO NOT HAVE FOOD AND SUNLIGHT.







DESCRIBE	THE	PLANT
DAY 1		

DAY I _____

DAY 4 _____

DAY 7 _____

DAY 11 _____

DAY 14 _____

DESCRIBE THE PLANT

DAY 1 _____

DAY 4 _____

DAY 7 _____

DAY 11 _____

DAY 14 _____

DESCRIBE THE PLANT

DAY 1 _____

DAY 4 _____

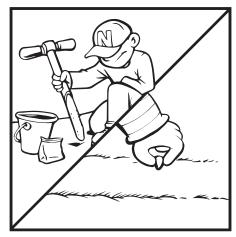
DAY 7 _____

DAY 11 _____

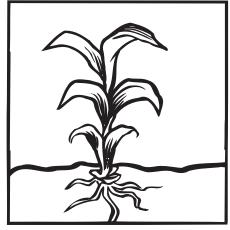
DAY 14 _____



FARMERS TAKE CARE OF THEIR LAND THAT GROWS OUR FOOD.



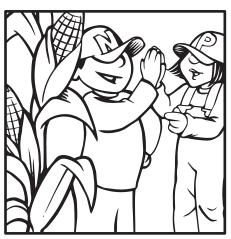
SOILS ARE TESTED AND SEEDS ARE PLANTED



THE SEED
BECOMES A PLANT



FARMERS LOOK AFTER THEIR CROPS



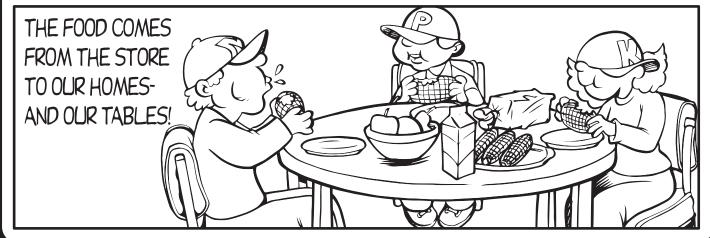
FOOD GROWS FROM THE PLANT



THE PLANTS ARE HARVESTED



THE FOOD FROM THE PLANT GOES TO THE STORE



FARMERS USE THE BEST TECHNOLOGY TO HELP THEM PUT THE RIGHT AMOUNT OF NUTRIENT IN THE RIGHT PLACE.



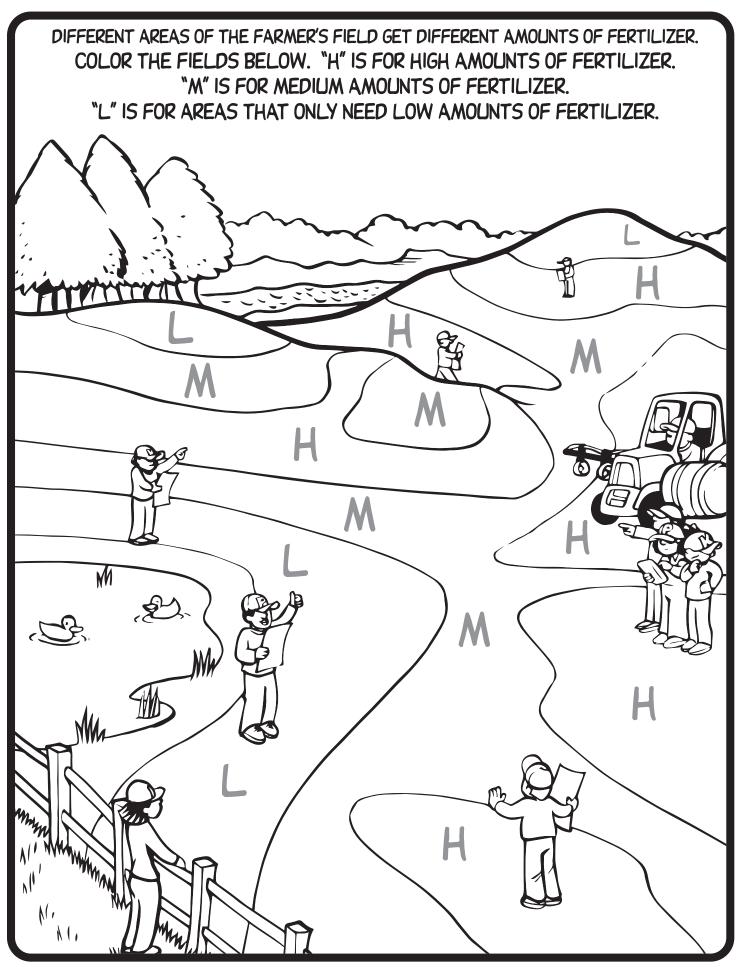
HELP US FIND THESE WORDS HIDDEN IN THE COMPUTER! THE WORDS ARE:

SOIL
SEED
NUTRIENTS
FERTILIZER
FOOD

WATER FARMER HARVEST CROP

SCIENCE





THERE'S A **SECRET MESSAGE** BELOW-USE THIS DECODER TO FIGURE OUT WHAT IT IS!

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26



14 21 20 18 9 5 14 20 19

6 15 18

8 5 1 12 20 8 25 16 12 1 14 20 19

6 15 15 4 1 14 4

16 5 15 16 12 5





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