



PLANT

ACTION

INTRODUCTIONS

My name is Saanvi Shah and I
will be guiding you today!

Your turn:

My name is [...] and my favorite
ice cream flavor is [...]



FINISHED PRODUCT



1. DISCUSS THE BIG
QUESTION

2. ANSWER THE BIG
QUESTION

3. MAIN EXPERIMENT

BIG QUESTION

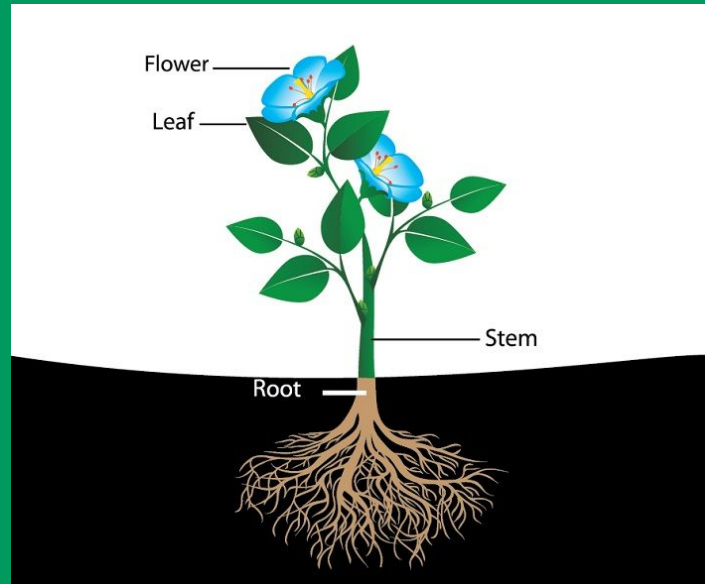
HOW DO PLANTS

DRINK WATER?



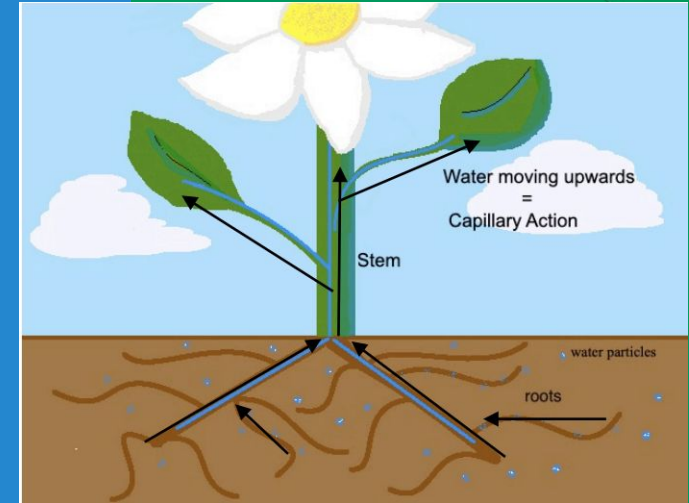
DIFFERENT PLANT PARTS

LET'S IDENTIFY THE DIFFERENT PLANT PARTS
TOGETHER AND THEN PRACTICE!



CAPILLARY ACTION

- PLANTS FIRST GET WATERED
- ROOTS TAKE IN WATER FROM THE SOIL
- ROOTS THEN TAKE WATER AND PULL IT UP THE STEM



CAPILLARY ACTION

BEARDED SCIENCE GUY

Color
Changing
FLOWERS



EXPERIMENT

LET'S MIMIC CAPILLARY ACTION WITH
FLOWERS



GRAB A GLASS OF WATER, FLOWERS, AND FOOD
COLORING!

EXPERIMENT

LET'S START!



POUR WATER INTO
THE CUPS. THEN
CHOOSE A COLOR FOR
YOUR FLOWERS. ADD
A FEW DROPS THEN
STIR.

WHAT WILL HAPPEN?

LET'S START!



THE PLANT PULLS UP
WATER. SINCE THE
WATER IS COLORED,
THE FLOWER WILL
TURN THAT COLOR!
THAT'S HOW PLANTS
DRINK AND GROW!