

VIRTUAL CAREER DAY: Botanist

WHAT WOULD YOU RESEARCH?

Livia Martinez researches chloroplast inheritance in the DNA of Gingko Biloba trees. In the future, Martinez is interested in working in agriculture to maximize food production and nutrition.

If you were a botanist, what would you most like to research and why?



Ginkgo Biloba
leaves

Middle Grades



Interdisciplinary

WHAT IS A BOTANIST?

botanist *noun*

someone who studies or is an expert in
the field of botany (see *botany*)

botany *noun*

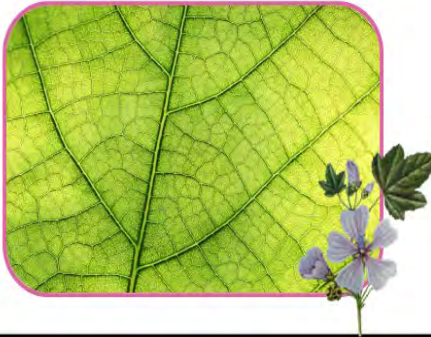
the scientific study of plants, including
their growth, structure, classification,
genetics, and uses



Engaging & Educational Media

WHAT IS PHOTOSYNTHESIS?

How do plants get nutrition? They make it themselves through a process called photosynthesis! Let's watch to learn how it works.



Integrates Reading

HOW TO PRESS PLANTS



Pressing flowers is easy and fun! It can usually be done with materials you already have at home.

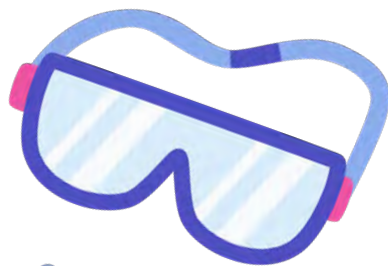
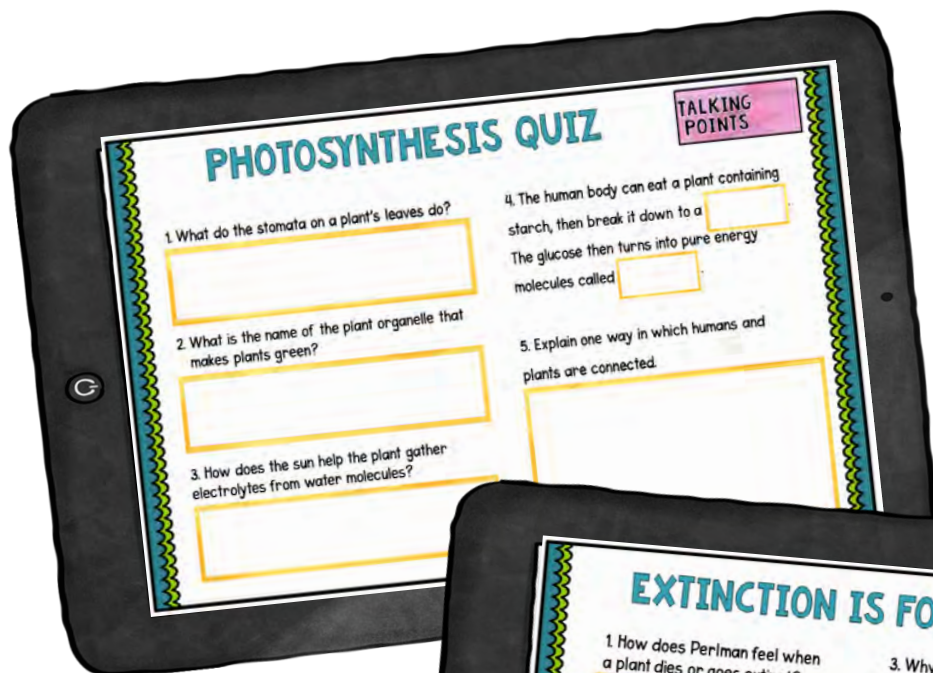
Like Adriana Hernandez discusses, it is important for botanists to press plant leaves and flowers so that they can be studied in the future.

They are stored in an herbarium.

One idea is to make a book of pressed plants that records the change of seasons where you live! Another idea is to press leaves and flowers to use as decorations and/or crafts.



Critical Thinking



Writing Exercise

WHAT WOULD YOU RESEARCH?

TALKING
POINTS

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Gingko Biloba
leaves

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Interactive Movable Pieces

