

**Get your TAcS and record and growth and changes.
Send 1 person from your group and
be carefull!!! Water with 30ml**

Data Tables

Control (sun, water, & soil)

No _____

Date	Average Height (cm)	Observations (Color, strength, shape, leaf size and number...)

Date	Average Height (cm)	Observations (Color, strength, shape, leaf size and number...)



I can investigate what producers need to make their own
Learning target: food by planning a controlled investigation.

TAC march 30th



Learning target: I can investigate what producers need to make their own food by planning a controlled investigation.

03/30 Photosynthesis #4

Plan

-Photosynthesis

Find the atomic mass of Carbon, Oxygen, and Hydrogen in the periodic table in your raven boo

Exit goal

Model the photosynthesis equation.

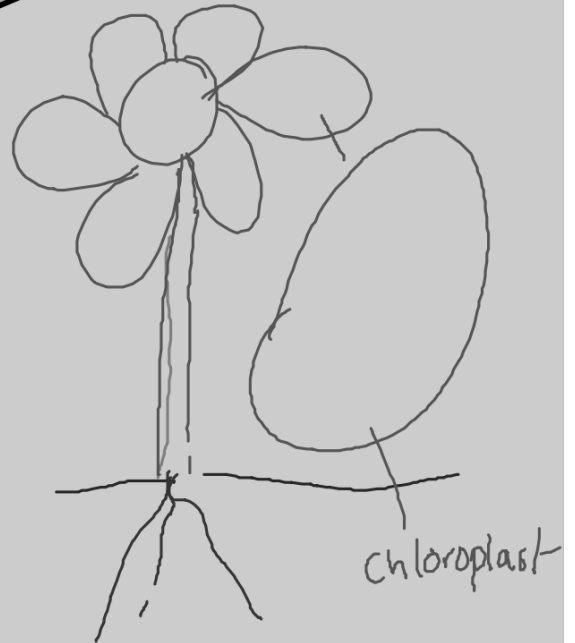
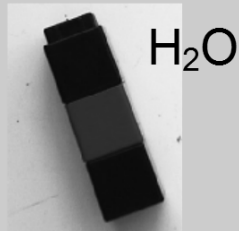
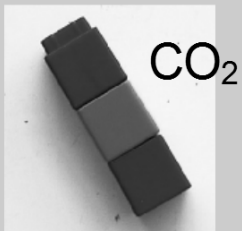
The image shows a digital periodic table interface. At the top, there is a search box with the following labels: Element, Symbol, Atomic Number, Atomic Mass, Group Number, Group Name, Chemical series, and Standard state. The periodic table itself is displayed with elements in their standard boxes, including atomic numbers, symbols, and names. Below the main table are the Lanthanides and Actinides series. At the bottom, there are five navigation buttons: ELEMENT, DATA, PROPERTIES, USES, and DISCOVERY. A small logo of a raven is visible in the bottom right corner of the interface.

Learning target: I can model the photosynthesis equation.

Photosynthesis



Check to make sure you have
12 Hydrogen atoms (black or brown)
18 Oxygen atoms (red)
6 Carbon atoms (green)



Learning target: I can model the photosynthesis equation.

Photosynthesis

**Jobs**

Carbon Dioxide: Make 6 CO_2 molecules

Water: Make 6 H_2O molecules

Sun: Use energy to break all bonds

Chloroplast: Synthesizes 1 glucose a 6 O_2 molecules

KEY

Carbon: (green)

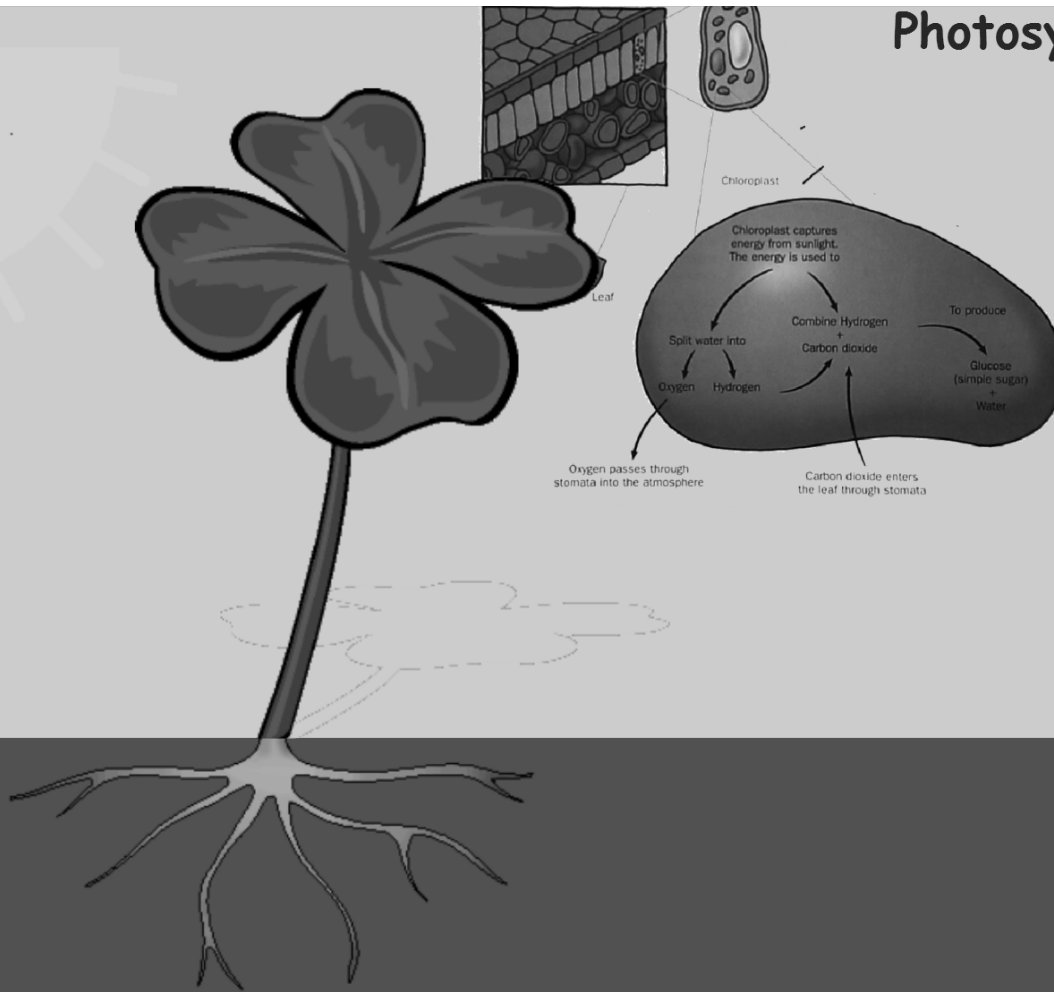
Oxygen: (red)

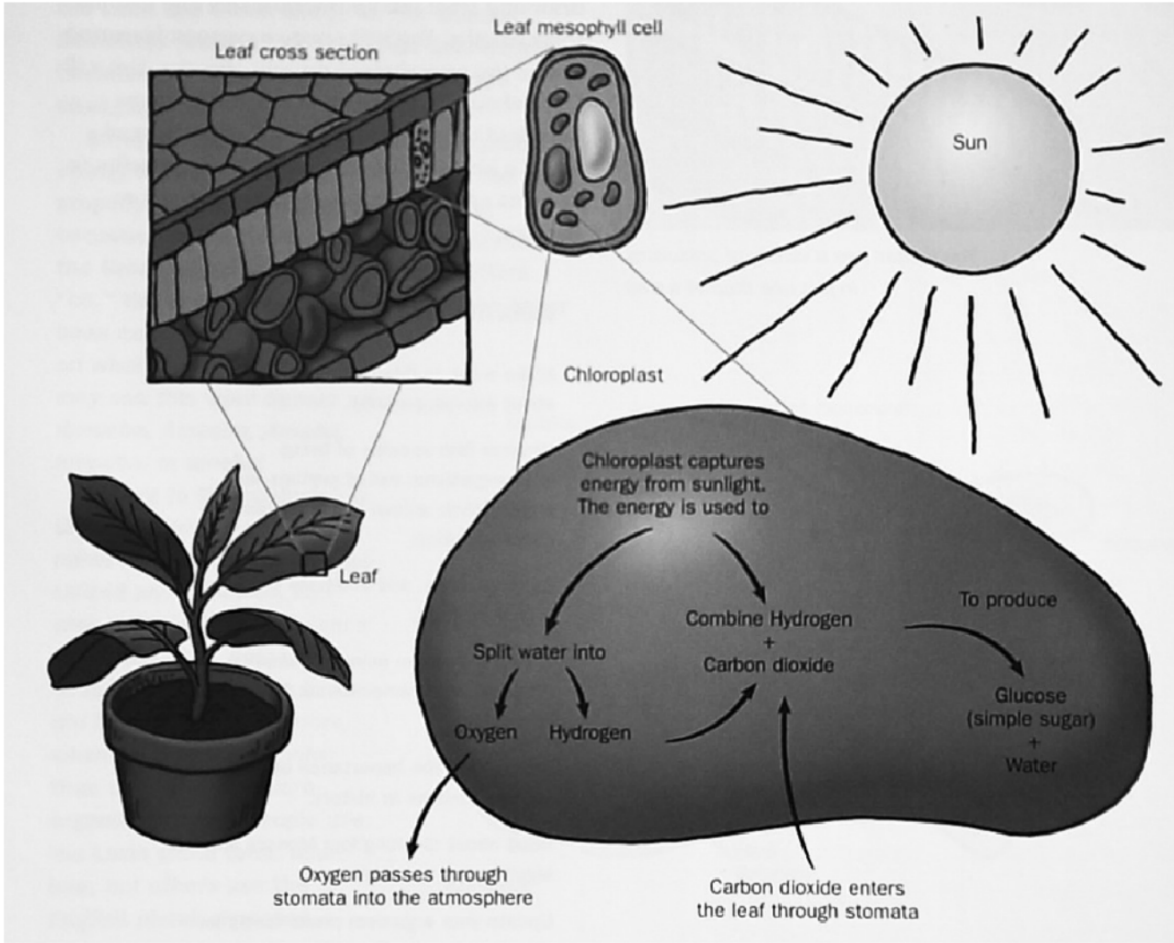
Hydrogen: (Black or brown)



Learning target: I can model the photosynthesis equation.

Photosynthesis







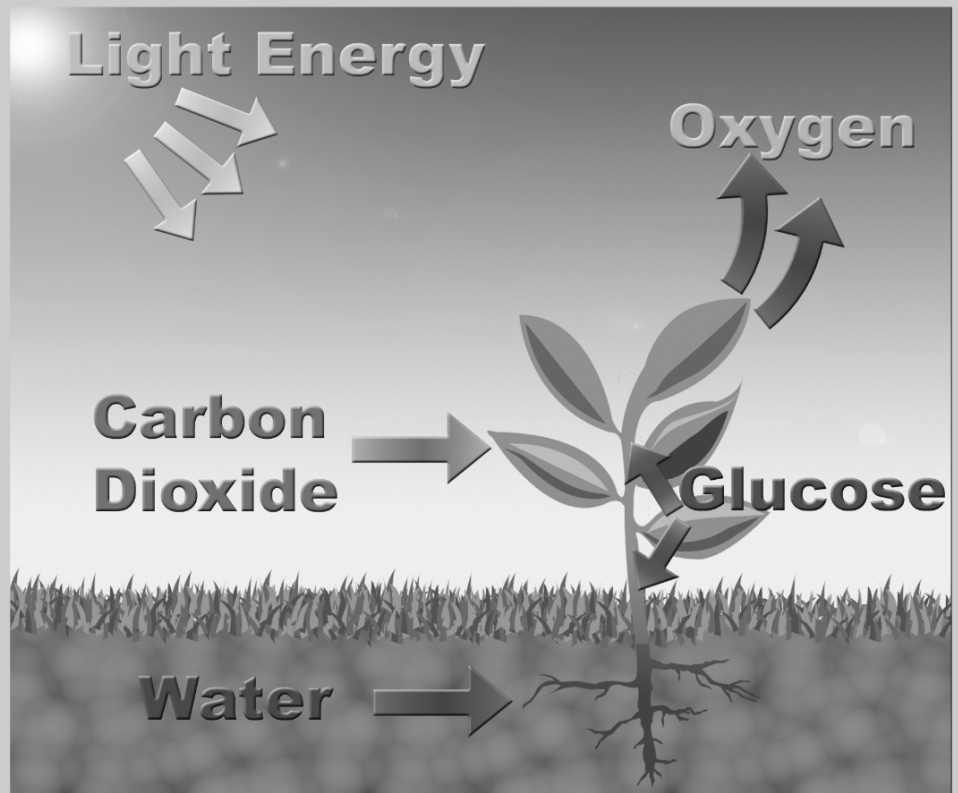
Learning

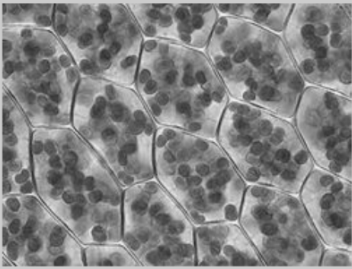
target: I can describe how plants make food using energy from the sun using a diagram..

03/30 Photosynthesis

#4

Photosynthesis: The process plants use to combine energy from the sun, water, and carbon dioxide to produce food.





Photosynthesis occurs in the chloroplasts. This is one of the organelles in the cells of plants.

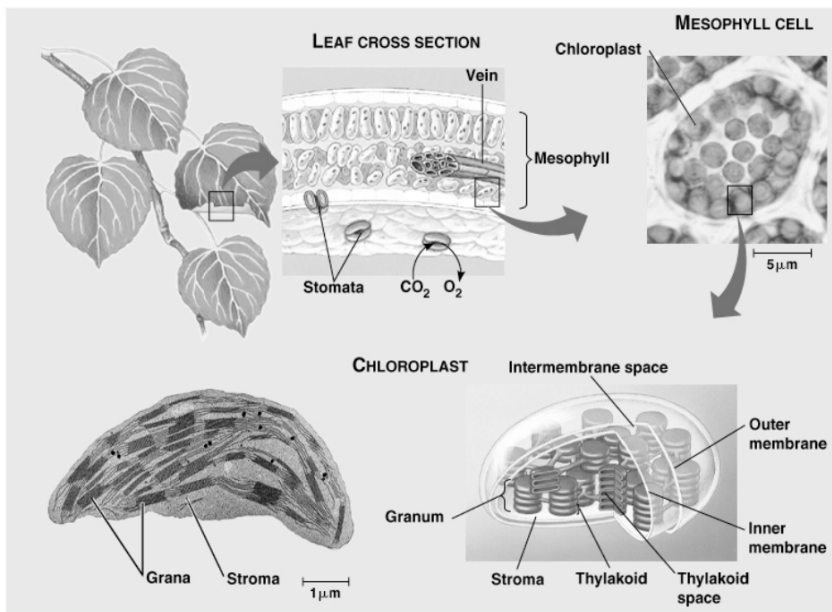


Learning

target: I can describe how plants make food using energy from the sun using a diagram..

03/29 Photosynthesis

#4



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Chlorophyll: a pigment that reflects green light, and absorbs red and blue light to start the process of photosynthesis. Chlorophyll pigments are clustered in the thylakoid membranes



Learning

target: I can describe how plants make food using energy from the sun using a diagram..