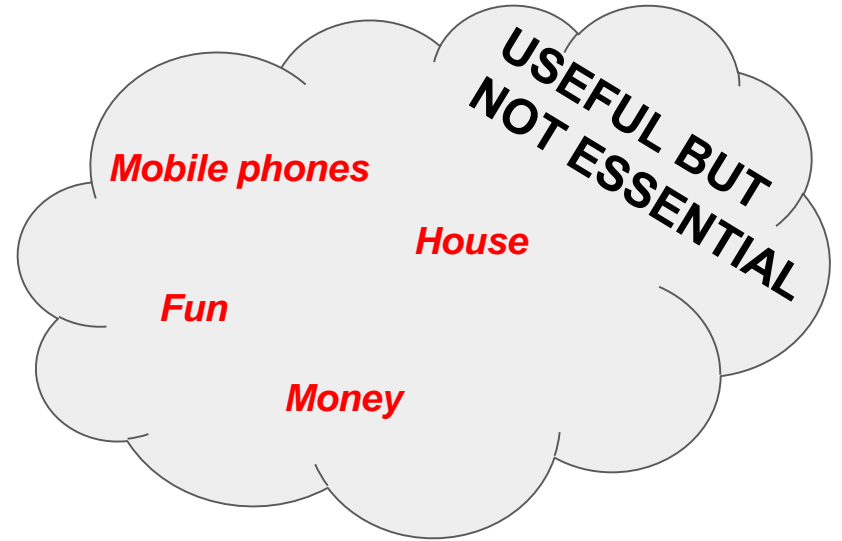
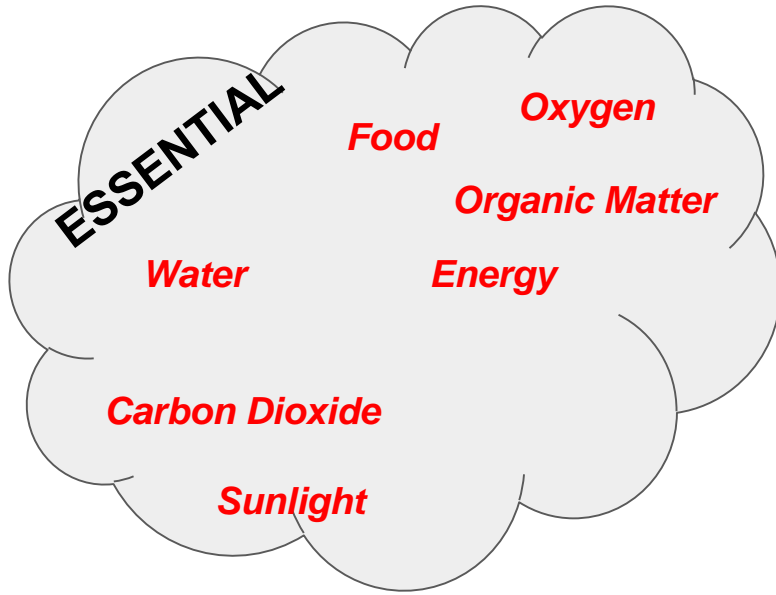
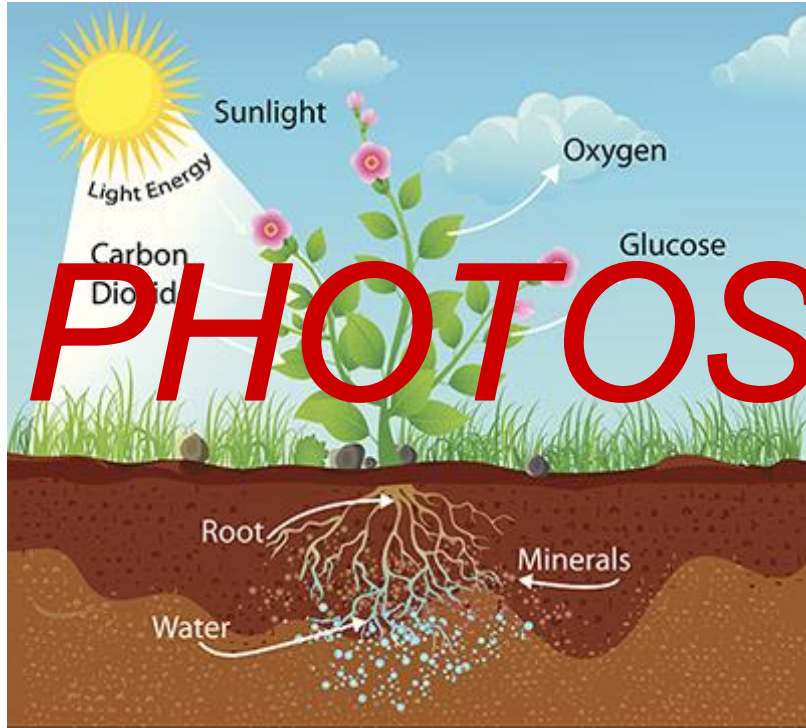


WHAT DOES EVERY LIVING ORGANISM NEED TO SURVIVE?



PLANTS (TREES, GRASS BUT ALSO SEAWEED)



Water

Carbon Dioxide

Energy

PHOTOSYNTHESIS

Energy from the Sun



Water + **Carbon Dioxide**

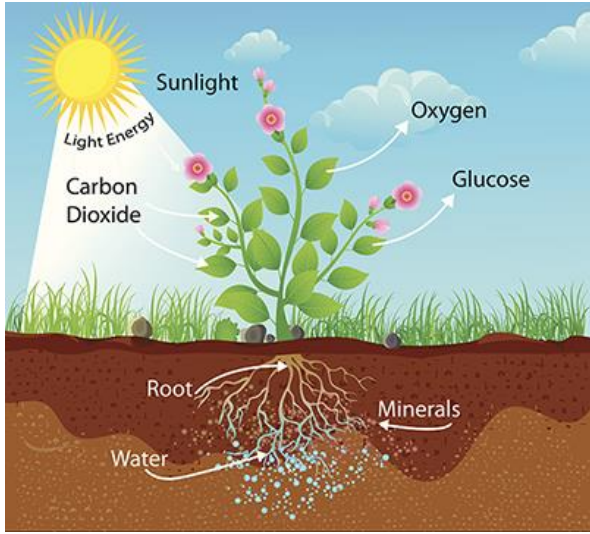


Organic Matter (GLUCOSE)



Oxygen

PHOTOSYNTHESIS



A chemical process used by plants to produce organic matter (glucose/sugar) from carbon dioxide and water.

The process can be done thanks to:

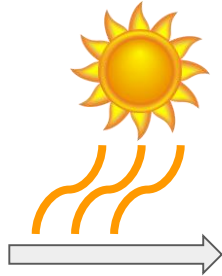
- sunlight (ENERGY).
- chlorophyll (a green pigment in vegetables cells)

The organic matter produced by the photosynthesis is used to grow up and to produce living energy.

PLANTS PRODUCE ORGANIC MATTER!

THEY ARE :

*Energy
from the
Sun*



AUTOTROPHS

Water + Carbon Dioxide

Organic Matter
(GLUCOSE) + Oxygen