

Manufacture of food by plants-

Def-

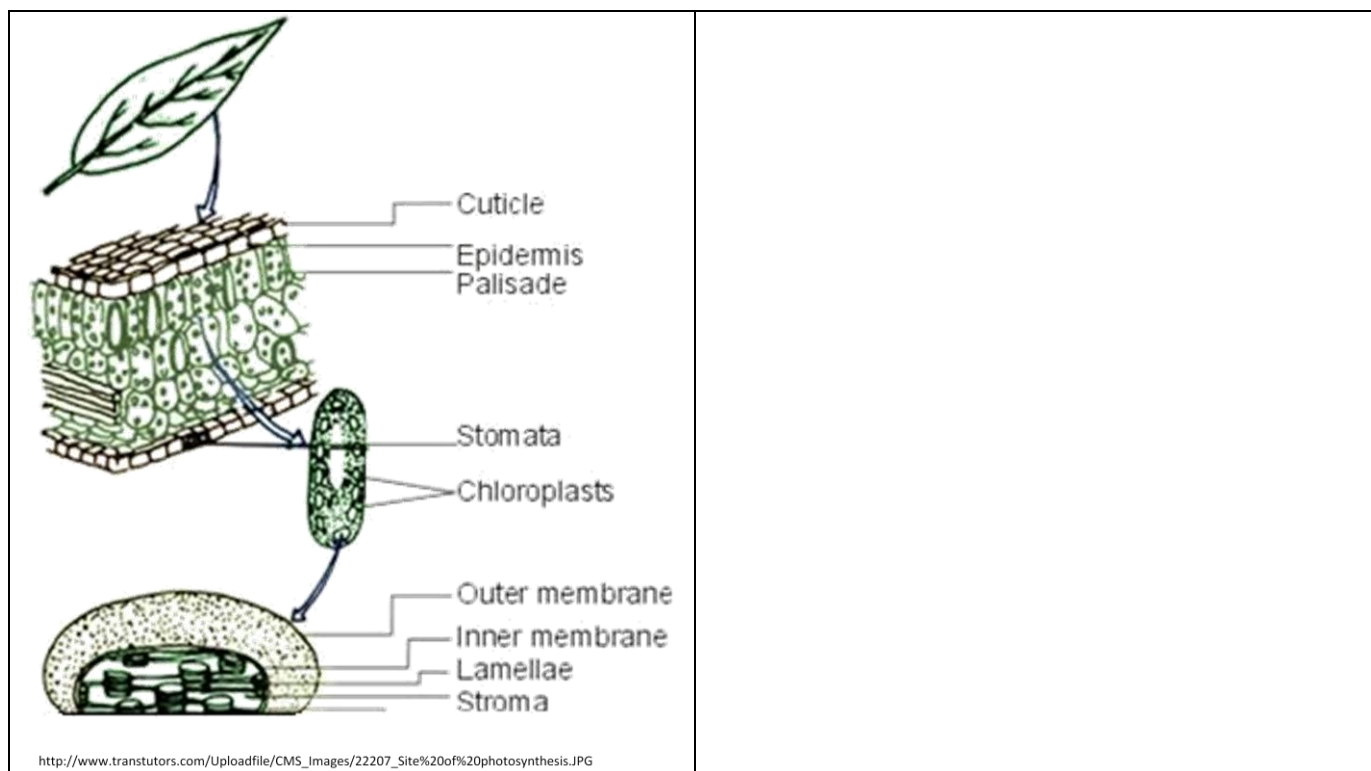
Equation –

Main raw materials-

- 1.
- 2.

Site of photosynthesis- _____ -

Adaptation of leaves

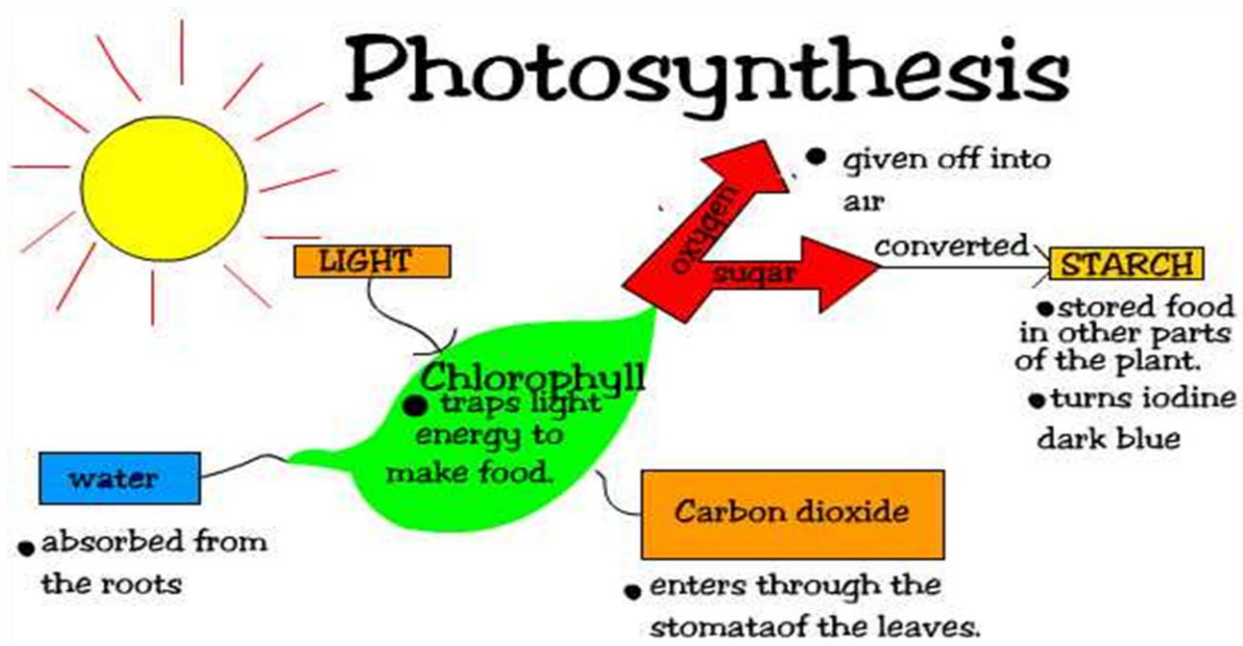


Structure of chloroplast

Green pigment- _____

Yellowish pigment in leaves _____. This pigment develops because of _____

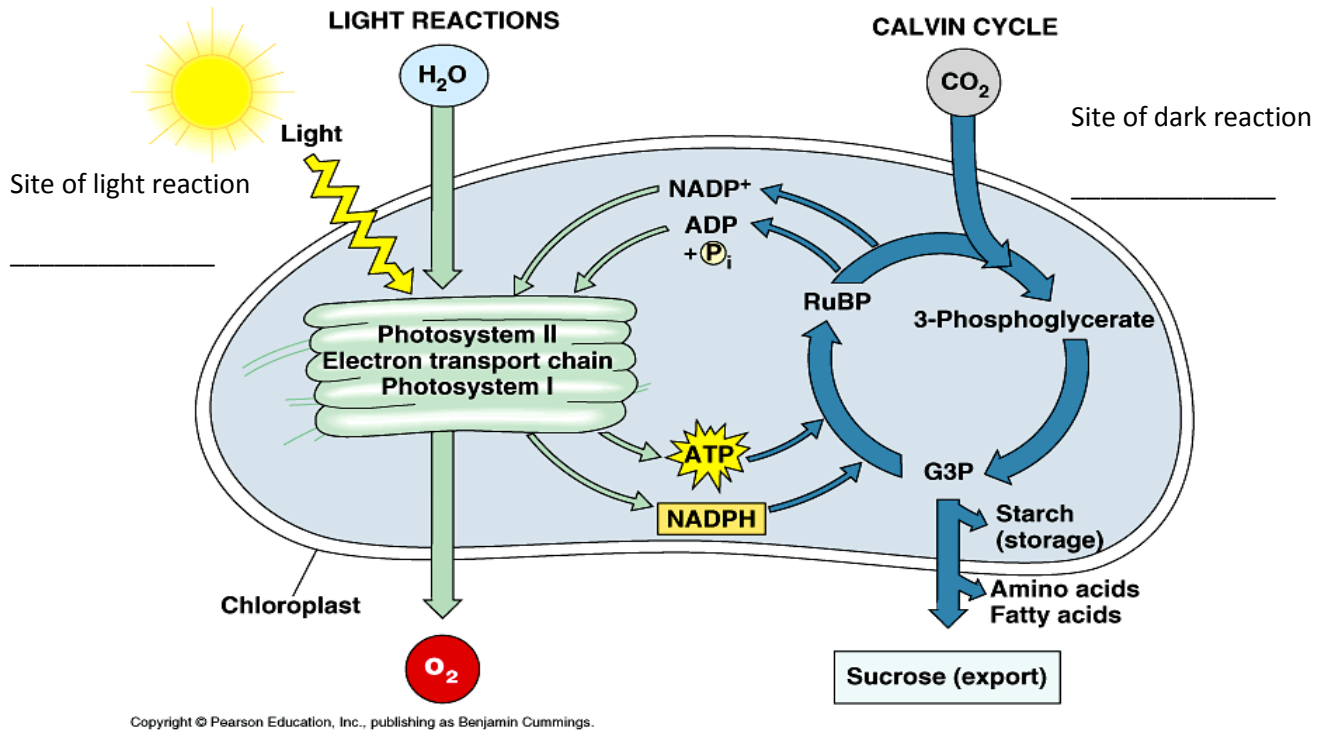
The mechanism of fertilization-



<http://3.bp.blogspot.com/-YwLP2Kacf4/TfJJ1h1RtKI/AAAAAAAAADY/gn7AZ1Sfaz4/s1600/photosynthesis.jpg>

LIGHT DEPENDENT REACTIONS

LIGHT INDEPENDENT REACTIONS



The light reaction-

Other names-

The reactions-

1.

2.

3.

4.

Dark reaction-

Other names-

Factors affecting photosynthesis-

External -

1.

2.

3.

4.

Internal factors-

1.

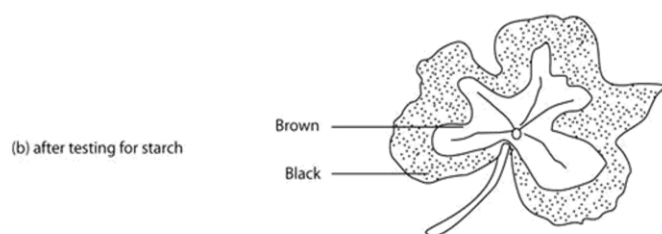
2.

Law of limiting factors-

Experiments-

TO SHOW THAT CHLOROPHYLL IS NECESSARY FOR PHOTOSYNTHESIS

(A variegated geranium leaf)



<http://elateafrica.org/elate/biology/nutrition/worksheet2.jpg>

SKETCH OF THE LEAF SHOWING THE COVERED AND UNCOVERED PARTS.

EXPERIMENT TO FIND OUT IF LIGHT IS NECESSARY FOR PHOTOSYNTHESIS

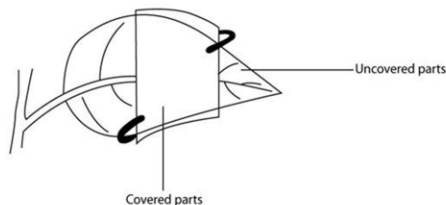
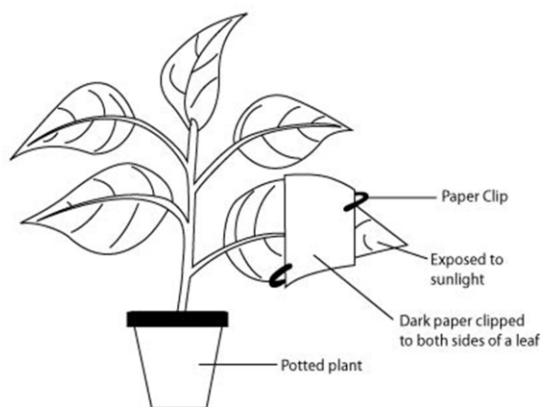
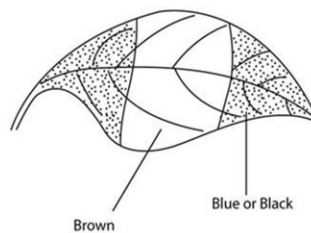
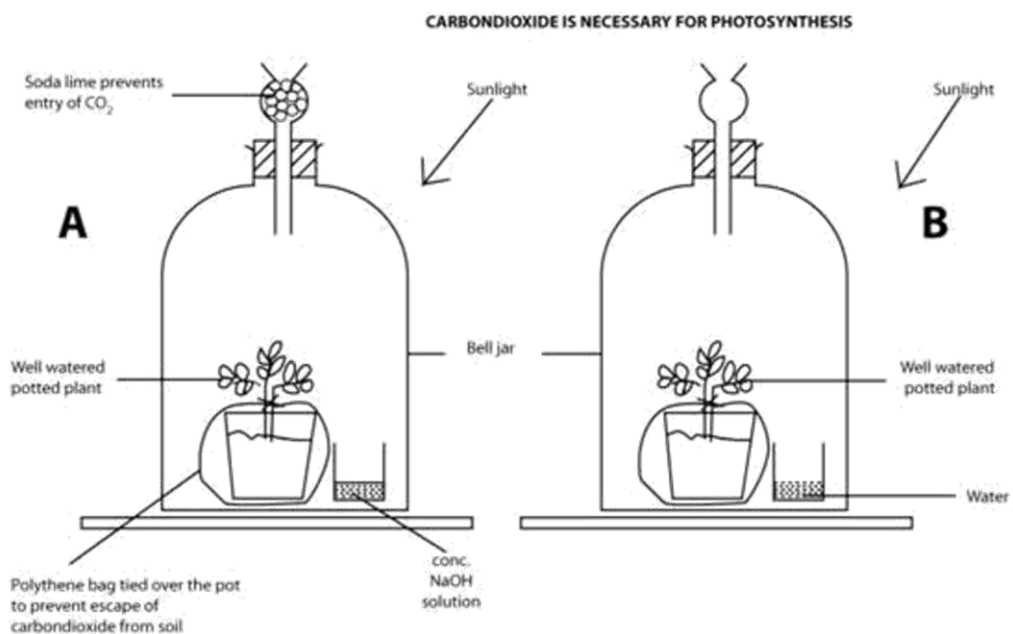


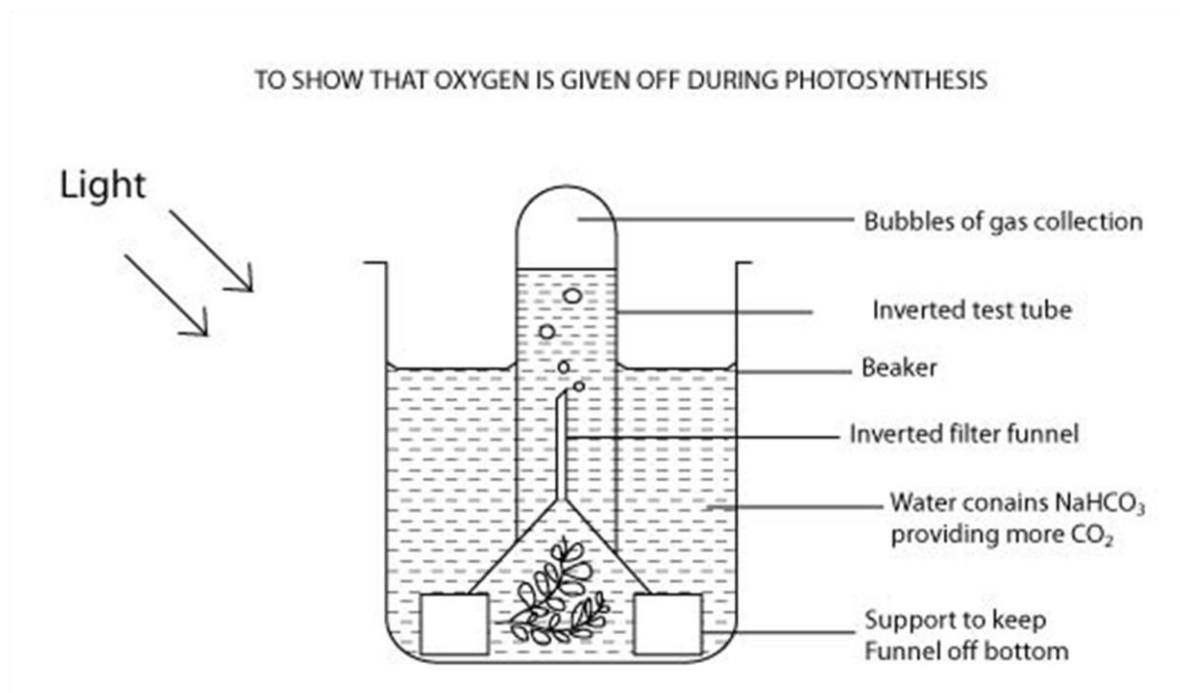
DIAGRAM SHOWING RESULTS



http://elateafrica.org/elate/biology/nutrition/worksheet2_0.jpg



<http://elateafrica.org/elate/biology/nutrition/worksheet11.jpg>



<http://elateafrica.org/elate/biology/nutrition/photosynthesis2.jpg>