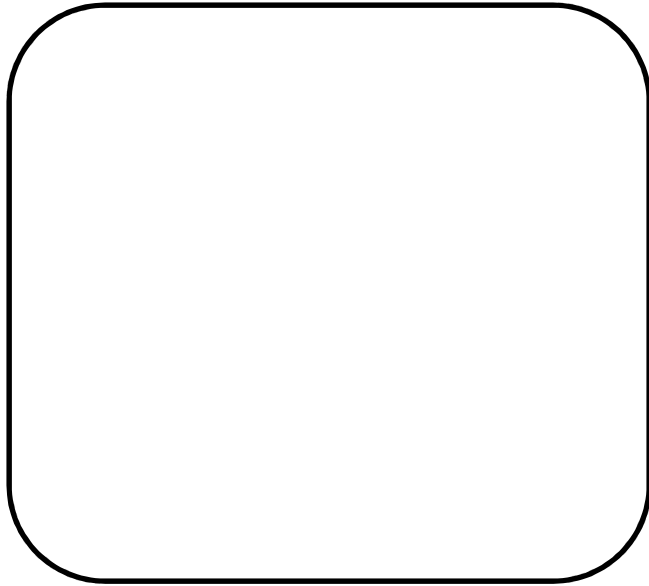


DIAGRAM OF A LEAF



Cuticle:

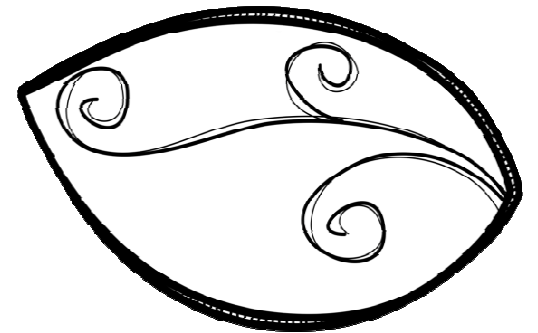
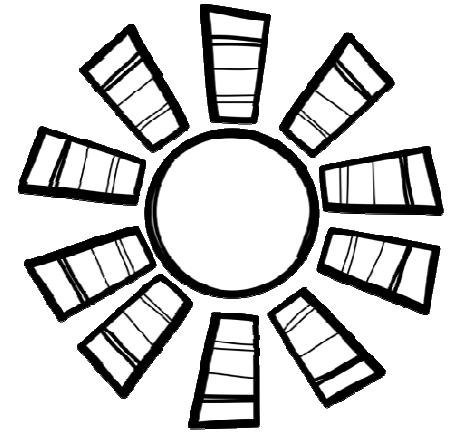
Glue
Into
Notebook

Epidermis:

Guard Cells:

Stomata:

All about... Photosynthesis, Cellular Respiration, & Transpiration



Photosynthesis

Plants are

-----,
this means that they have to
make their own food.

Plants combine:

To make their own food
energy. In order for this to
take place, plants need to use
the green substance,
----- which is found in
their leaves. The chlorophyll
traps the sun's
----- which helps
the plant make its own food.
Photosynthesis can ONLY
happen in the daytime when
there is sunlight.

OBSERVATIONS

	<u>OBSERVATIONS</u>	
What is Given Off OUTPUT		
Needed INPUT		
PROCESS		

Cellular Respiration

In respiration, plants need to
convert the food that they made
into ----- . Plants use this
energy to ----- just like
we use food energy to do work.
Respiration can happen ANY time
day or night-it does NOT need
sunlight to occur.

Transpiration

During transpiration, there is a
loss of ----- through
the ----- of the leaf.
They ----- control the
opening and closing of the
stomata. a.k.a. -----.

Fun Fact: Part of the reason
being under a tree makes you
feel cooler is BECAUSE of
-----!