

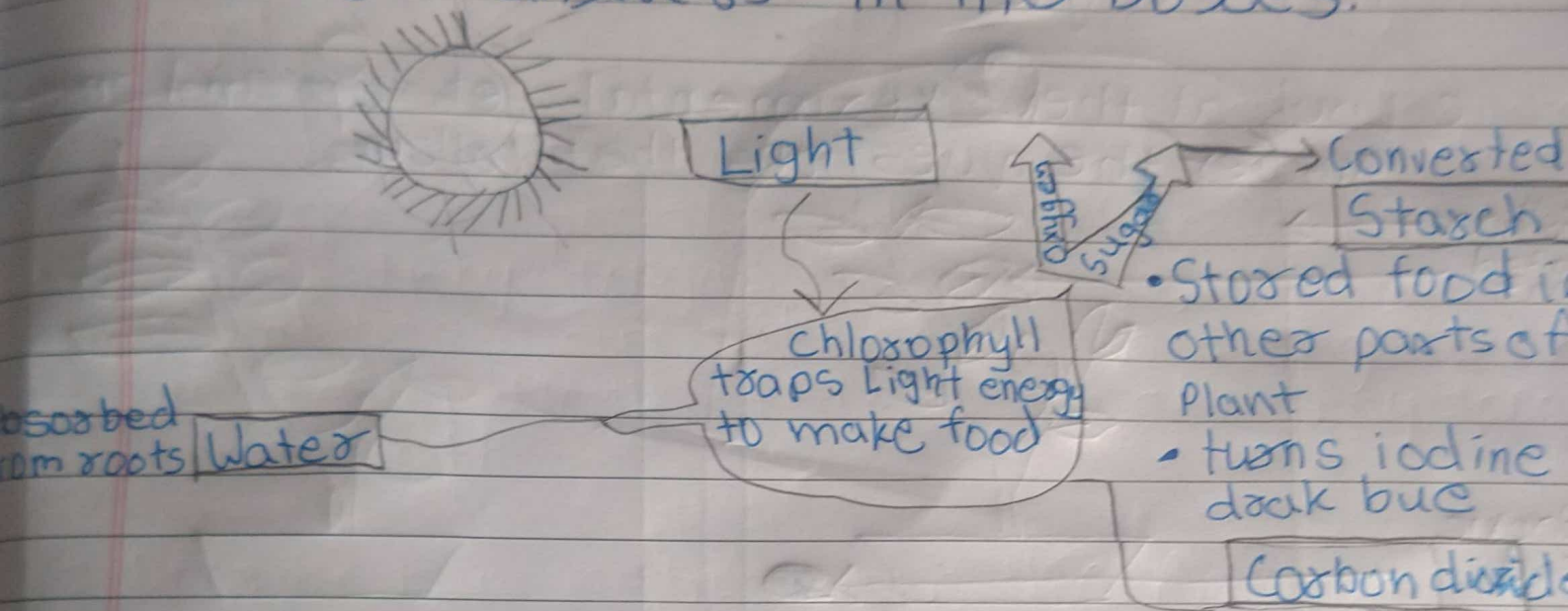
## Additional Worksheet 1

classmate

Date \_\_\_\_\_

Page \_\_\_\_\_

A Look at the picture depicting the process of photosynthesis write the correct answers in the boxes.



B Write one important feature of these plants / organisms.

1. Rhizobium - It is a bacterium seen in the root nodules of leguminous plants and shows a symbiotic association with the plant.

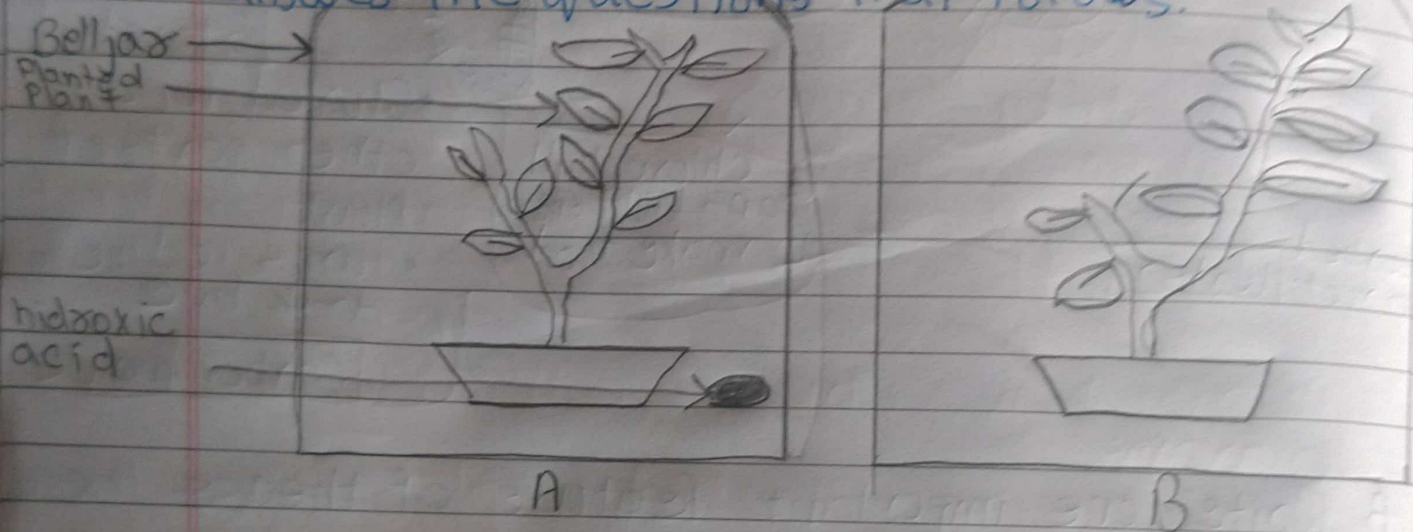
2. Cactus - It grows in the desert. It has a thick fleshy green stem that prepares food for the plant. The leaves are reduced to spines to reduce transpiration.

3. Mistletoe - It is a symbiotic partial parasitic? It can make its own food using chlorophyll but depends on the host plant for water and minerals.

4. Lichen - It is a symbiotic association between

algae provide food for saprophytic fungi. In turn the fungi provide water minerals and shelter to the algae.

c. Look at the experimental set-up and answer the questions that follows.



1. In which plant will the process of photosynthesis continue?  
→ Plant A
2. In which plant process of photosynthesis is hampered and how?  
→ Plant B because plant B have <sup>no</sup> ~~more~~ carbon dioxide to photosynthesize
3. What is the aim of experiment?  
→ To prove that photosynthesis is not possible without carbon dioxide.
4. The bell jars are made up of glass what if they are made up of wood?

→ If the bell jars are made up of wood light can't travel through it so plants can't photosynthesise.

5. The bell jars must be set sealed with glass & wax. Why?

→ The bell jars are sealed with wax to prevent incoming and outgoing of gases.