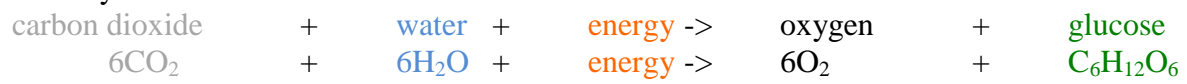


Figure X
 Example transpiration demonstration setup



Figure X

Photosynthesis



Cellular respiration

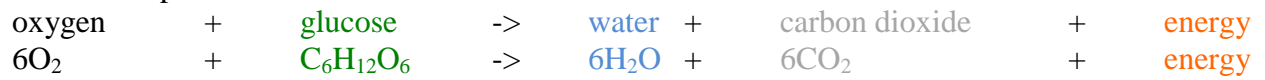


Figure X

Student post-drawing and response (interrelated plant processes referenced)

I think the plant will live its entire life span because, water cannot leave the jar, photosynthesis produces sugar and oxygen, which is needed for respiration, respiration produces carbon dioxide, ~~for~~ needed for photosynthesis, water, again, cannot leave the sealed jar and will be used by the plant again and again. Therefore the plant keeps up all of its normal processes and lives a normal life.

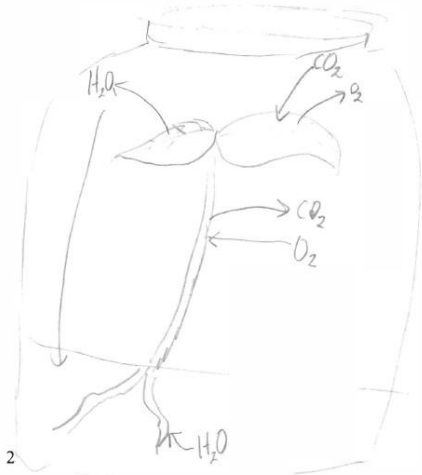


Figure X
Student post-drawing and response (closed ecosystem)

Write, or draw and label, what you think will happen to the plant if it is sealed in the jar, but is provided with just the right amount of indirect light.

There isn't a way to give the plant water. If the plant does grow there won't be enough room. There won't get enough carbon dioxide / CO_2 .

