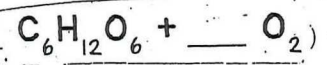


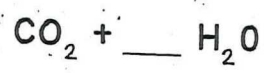
CELLULAR RESPIRATION



REACTANTS

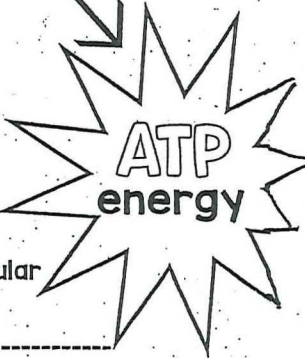
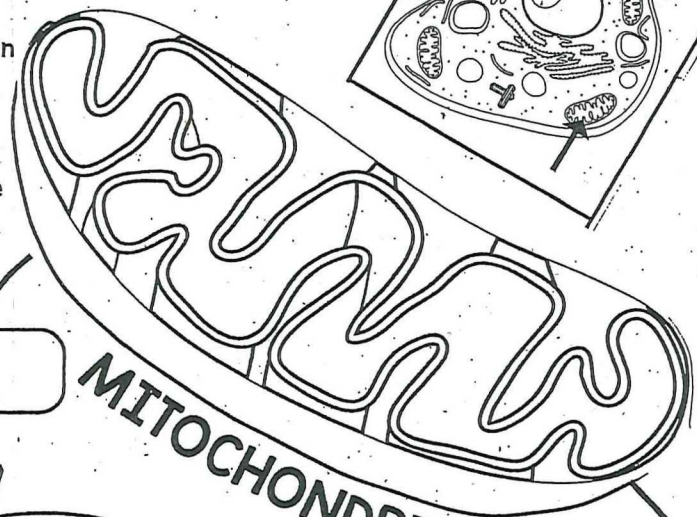
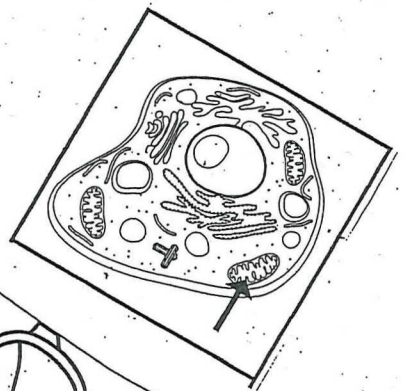


PRODUCTS

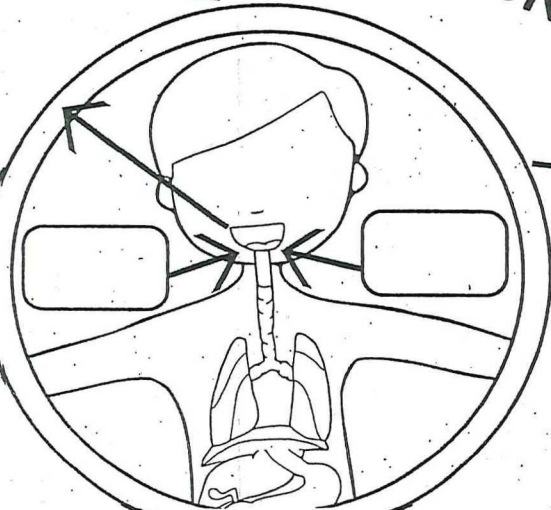


Energy used in _____ functions is produced in _____ cell in a process known as _____. It takes place in tiny power plants in the cell called _____.

Respiration is a chemical reaction where _____ is _____ (combined with oxygen) to make energy (_____) plus CO₂ and water.

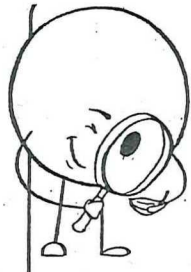


The _____ and _____ for cellular respiration are the same for _____ & _____ cells.

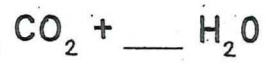


+ → + + ENERGY

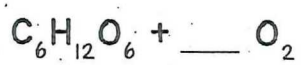
PHOTOSYNTHESIS



REACTANTS

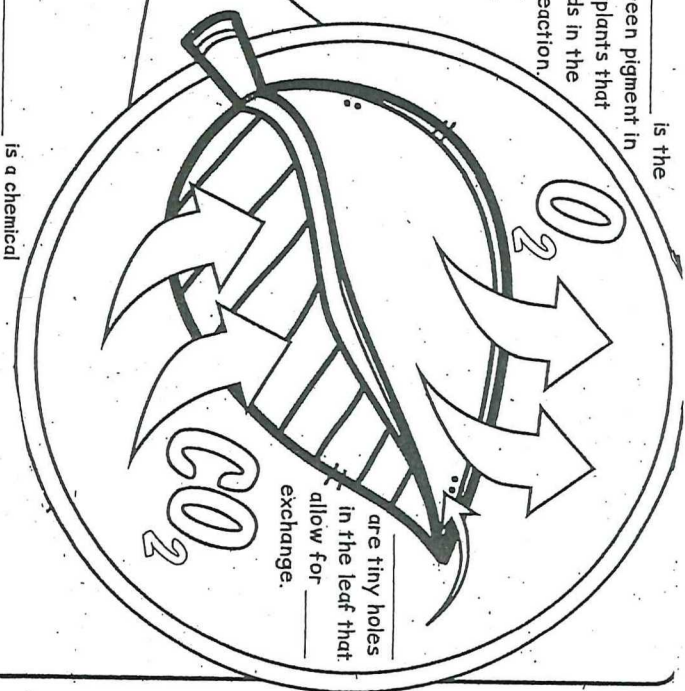


PRODUCTS



_____ is a chemical reaction in plants that allows them to make their own _____ in the form of a sugar _____ molecule. The reaction takes place in the _____ and uses _____ from the sun, _____ (CO₂) from the _____, and water (H₂O) to produce the sugar. The reaction releases _____ (O₂) back into the environment.

_____ is the green pigment in plants that aids in the reaction.



_____ are tiny holes in the leaf that allow for _____ exchange.