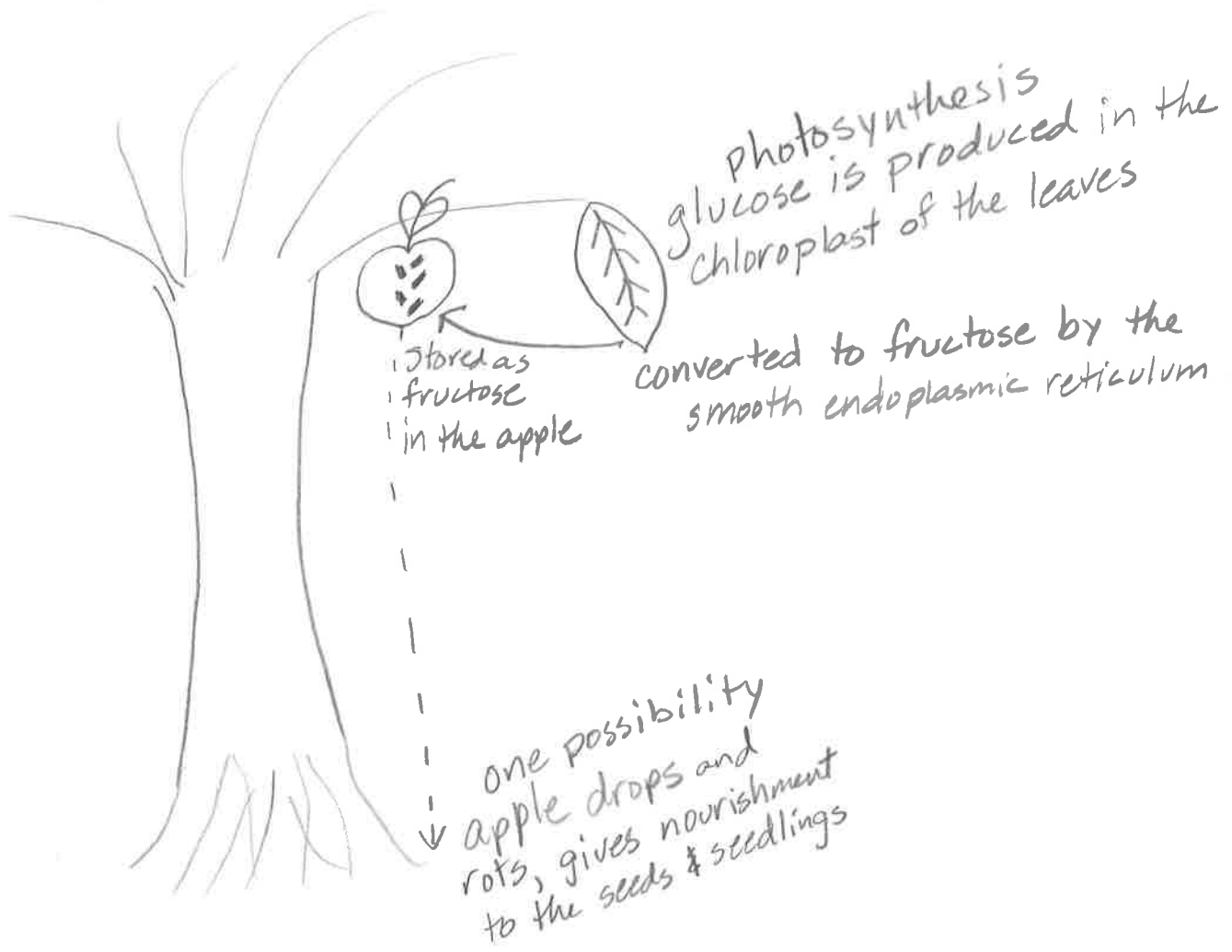


What happens to the glucose that is made during photosynthesis?



another possibility an animal eats the fruit or vegetable, breaks down the fructose, or starch, converts it back into glucose, then it can enter cellular respiration

# Cellular Respiration

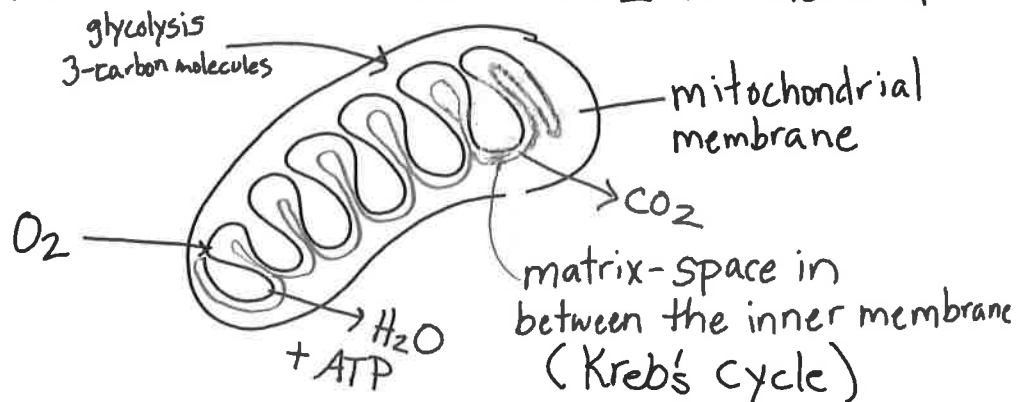
## 1. Glycolysis - glucose

sugar

cut

split into 2 three carbon sugars - Happens in the cytoplasm of the cell - occurs without oxygen (anaerobic) - produces 2 ATPs  
not air

2. Kreb's Cycle - Happens in the matrix of the mitochondria (space in between the inner membrane) - 3 carbon molecules enter and  $\text{CO}_2$  is released



3. Electron transport chain - happens on the inner membrane of mitochondria -  $\text{O}_2$  comes in, the  $e^-$  move along a chain and make 34 ATP and release water - aerobic process