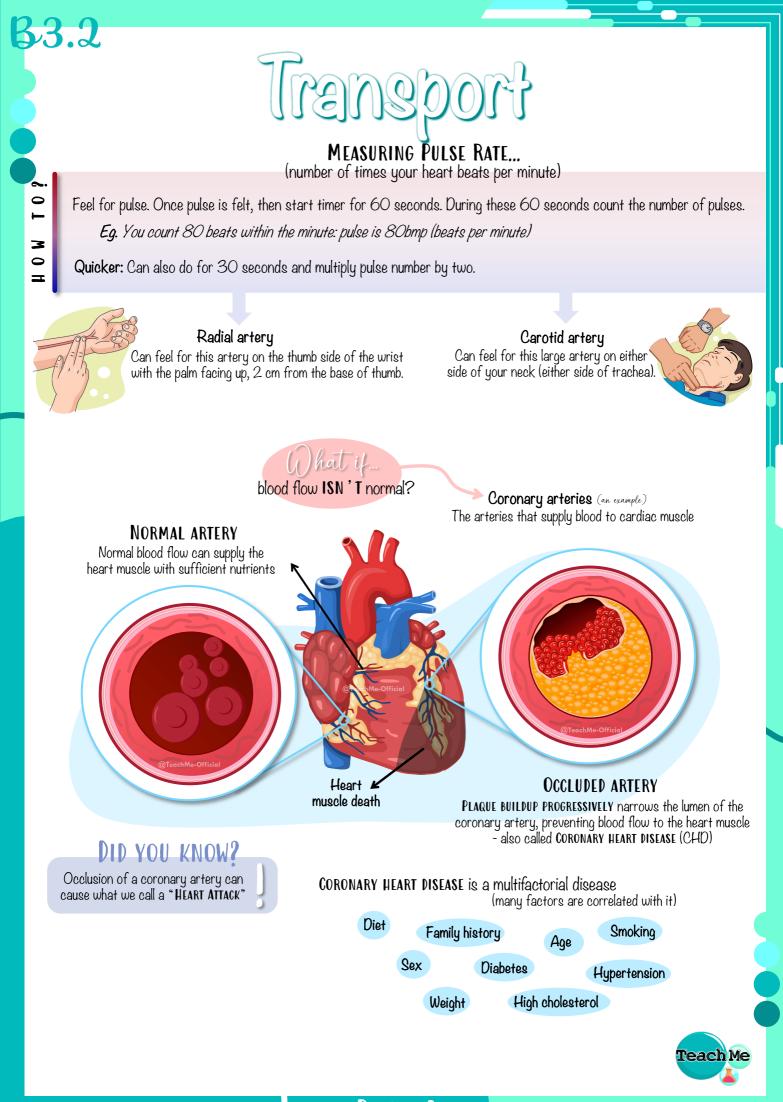
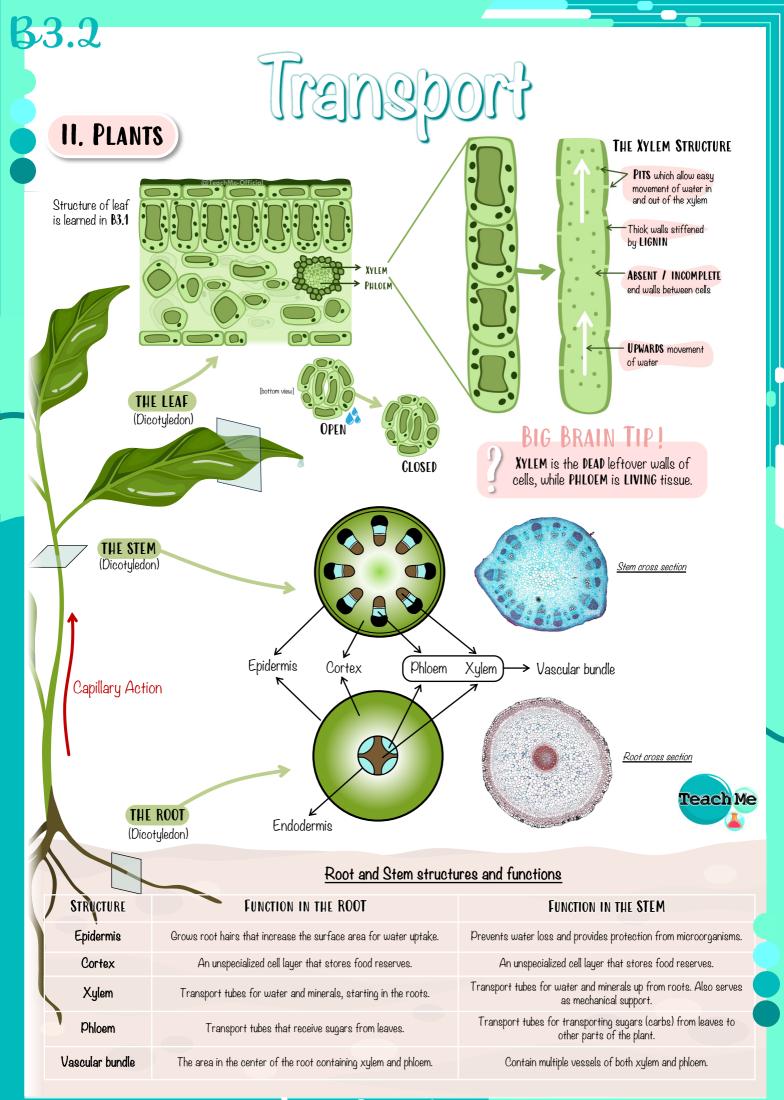


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## frogeneril

## TRANSPIRATION

the evaporation of water through an open stomata

- 1. Water uptake occurs at the root.
- $\ensuremath{\textit{l}}$  . Water enter the xylem & moves up the xylem
- 3. Water moves from the xylem to leaf cells.
- 4. Water evaporates into empty spaces in the leaves.
- 5. Water <u>transpires</u> out of stomata into the air.

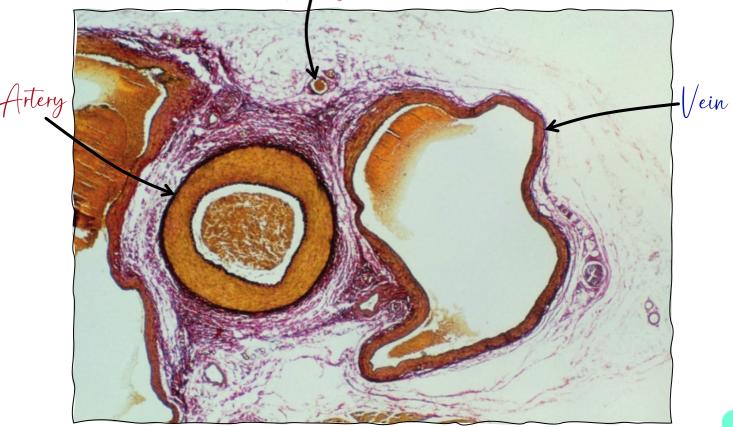
The negative pressure created by the water transpired pulls water up the xylem: with the help of the COHESIVE and ADHESIVE properties of water (learned in Al.1)

How?

## EXTRAS

**B**3.2





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Real image of an artery, vein and capillary (under the microscope)







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