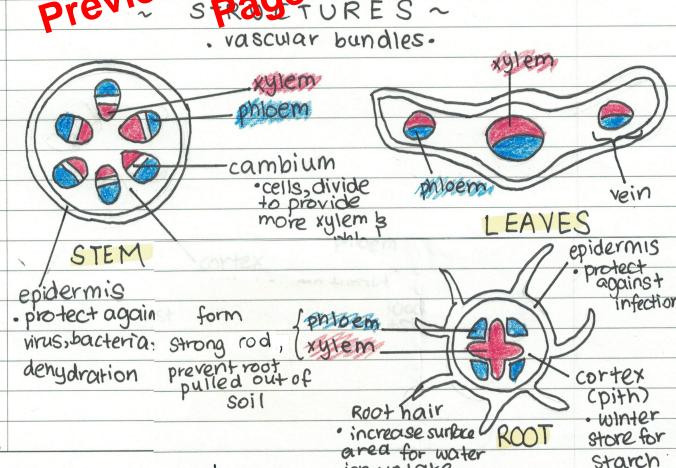
REVISION SUMMAR

CHAP 8 -TRANSPORT IN PLANTS . . . DATE:

Water obtained by plants from the solution. The water enters by the process of OSMOSIS, via special structures on the outside of the root called ROOT HAIRS. These Structures increase the SURFACE AREA of the root and, as well as absorbing water, they can also take up ION such as NITRATE, which is required for the synthesis of onlorophyll. These substances are absorbed both by DIFFUSION and by ACTIVE TRANSPORT, a process that requires the supply of energy.

> Plant cells rely on water for SUPPORT, as a SOLVENT and as a raw material for PHOTOSYNTHESIS. Water is used as a transport media for both ions and sugar The ions are transported, along with water to the XYLEM tissue. Sugars are transported Chrough living cells of the PHLOEM and other specialized tissues are grouped togeton into vascular bundles.

Preview Strage TURES ~



ion uptake