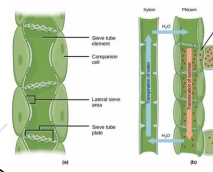
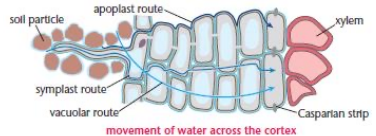
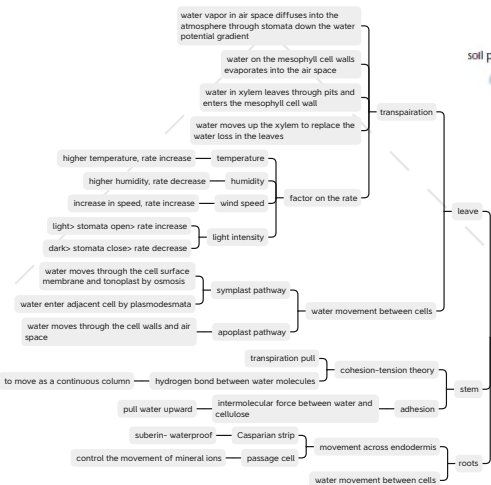
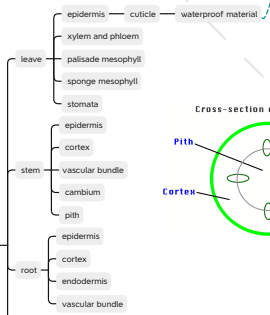


# Transport in Plant

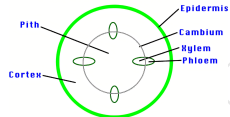
## transport of water and mineral ions



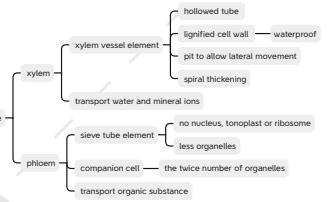
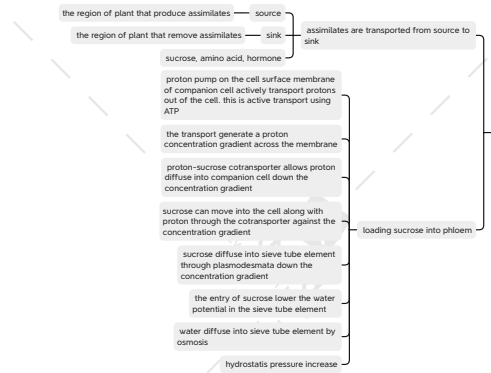
## structure



Cross-section of a dicot stem.



## transport of organic substances



## xerophyte plant feature

- rolled up leaf
- stomata are formed on the upper epidermis
- hairs on the upper epidermis help to retain moist air
- sunken stomata can retain water vapor
- flattened photosynthetic stem to reduce surface area and to store water
- the leaves reduce to spine which lessen the surface area
- trichomes are hair like structure and as barrier to water loss
- thick waterproof cuticle on the epidermis can prevent water loss
- swollen succulent stems store water and coat with wax