

vascular plants (11)

multicellular organisms that have a special system for getting water, minerals, and sugar to all the cells

xylem (12)

tubes that run from the root of the plant up to the leaves -delivers water and dissolved minerals to the cells

phloem (13)

tubes that travel around the plant delivering water and sugar (sap) to cells - starts in the leaves and works its way around and down

vascular bundles (14)

clumps of xylem and phloem tubes-easily seen in the veins of leaves and dyed celery

leaf vein classification (15)

pinnate-1 thick vein in the middle that branches like a feather
parallel-long vertical veins

palmate-resembles a star with 5
distinct veins