

Plant Organ

Tissue	Root	Stem	Leaf	Flower	Seed	Cone	Fruit
Ground	Support, Storage	Support, Storage, photosynthesis (possibly)	Support, Photosynthesis	Pigment, Support, Photosynthesis (possibly)	Support, Storage	Support, Photosynthesis (possibly)	Storage, Pigment, Photosynthesis (possibly)
Dermal	Protection, Water loss prevention	Protection, Water loss prevention	Protection, Water loss prevention	Protection, Water loss prevention	Protection, Water loss prevention	Protection, Water loss prevention	Protection, Water loss prevention
Vascular*	Water (xylem) and nutrient (phloem) transport	Water (xylem) and nutrient (phloem) transport, support (as in trees)	Water (xylem) and nutrient (phloem) transport	Water (xylem) and nutrient (phloem) transport	Water (xylem) and nutrient (phloem) transport	Water (xylem) and nutrient (phloem) transport	Water (xylem) and nutrient (phloem) transport

*Xylem: This tissue type transports water and mineral nutrients

*Phloem: This tissue type transports water and organic compounds like glucose