

	Word	Definition	Synonym
1	photosynthesis	the process of converting light energy into chemical energy using sunlight	food making
2	divisions	plant phylla; botanists have traditionally referred to the phyla in the plant kingdom as divisions	phyla
3	vascular plants	plants that have a system of tubes within them for the transport of water and nutrients	transport
4	non-vascular plants	plants without an internal system of transport tubes for water and nutrients	no transport
5	rhizoids	small hairs in nonvascular plants that insert into the substrate to keep the plant in place	root-like
6	spores	tiny cells that can grow into new organisms; smaller than seeds	unicellular
7	vegetative propagation	part of the plant breaks off and develops into a new plant with the exact same genetic information as the original plant	plant binary fission
8	vascular tissue	system of tubes that transports fluids through the bodies of plants	veins and arteries
9	xylem	vascular tissue that transports water and dissolved minerals from roots to stems and leaves	root to leaf
10	phloem	vascular tissue that transports food (glucose) from photosynthetic cells to other parts of the plant for growth and storage	leaf to root
11	cuticle	the waxy, waterproof layer that covers the leaf to prevent water loss	skin
12	deciduous	plants that shed their leaves seasonally	lose
13	gymnosperm	seed plants that reproduce using "naked" seeds like cones	pine tree
14	coniferous	evergreens - these plants do not shed their leaves seasonally	pine tree
15	angiosperm	a plant with seeds that have a protective covering (flowers/fruits)	food
16	sepals	leaf-like structures that protect the developing flower	flower holder
17	petals	colorful leaf-like structures that attract insects and other animals to the flower for the purpose of pollination	colorful
18	stamen	male reproductive parts of a flower; thin stalks that are topped by small knobs inside the flower	male
19	filament	thin stalk of the male stamen	male
20	anther	the knob at the top of the male stamen; produces pollen	male
21	pistils	female reproductive parts of a flower; usually found in the center of the flower	female

22	stigma	the sticky tip of the pistil	female
23	style	a slender tube in a flower that connects the stigma to the ovary of a flower	female
24	ovary	hollow structure at the base of the flower; contains one or more ovules	female
25	monocot	angiosperms with one seed leaf	one
26	dicot	angiosperm with 2 seed leaves	two