Plant Tissue

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	Tissue	Shape	Location	Function
1	Meristem		Root tip Root apex Lateral buds	Growth
2	Parenchyma		Cortex Pith Ground tissue	Storage
3	Collenchyma (modified parenchyma) cellulose		Dicot stem (hypodermis) Under epidermis	Support
4	Epidermis	Cross section of a typical dicot leaf: Cuticle — Upper Epidermis — Pallisade Layer — Spongy Mesophyll — Lower Epidermis — Cuticle —	Around any plant organ	Protection Secret waxy material (cuticle)
5	Chlorenchym a		Green parts Mostly in leaves	Photosynthesis
6	Sclerenchyma (dead tissue)		Around V.B • Cap • Sheath	Support vascular
7	Cambium	Secondary Phloem Secondary Ph	Between xylem and phloem	Secondary growth