

Plant Tissues Worksheet: Due Friday May 7th. Name: _____

With reference to pages 494-507, complete the following questions and charts. This will be your study notes.

1. Complete the following chart:

Parenchyma	
	A ground tissue whose mature cells are dead, and whose cell walls are made of cellulose and lignin. Functions as support for mature plants and protects seeds
Collenchyma	
Cortex	
	Parenchyma tissue at the very centre of roots and stems
	Plants which have fleshy parts due to the presence of large amounts of parenchyma for water storage
Companion cells	
	Xylem cells with tapered, overlapping ends and pits in the cell walls for conducting water and dissolved materials in plants
Sieve tubes	
	The location where leaves are attached to the stem
Internode	
	A leaf that is not divided into leaflets
Compound leaf	
	These cells occur in pairs around each stoma in the epidermis of a leaf or a stem. They regulate the opening and closing of the stoma
Transpiration	
	A region of photosynthetic cells between the epidermal layers of leaves
Palisade mesophyll	
Spongy mesophyll	
Toxin	