20-1: Plant Cells and Tissues

Study Guide 21-1

Write the name of each of the three basic cell types that corresponds to the function and description in the chart below.

Cell Type	Function	Description
1.	Store starches, oils, and water	Most common type of plant cell
		Thin cell walls
		Large water-filled vacuoles
		Contain chloroplasts in leaves
		Contain plastids in roots and stems
		Divide throughout their lives, helping to heal wounds and regenerate parts
2.	Help provide support for the plant	Cell walls range from thin to thick
	Most common in younger tissues of leaves and shoots	Often form strands Stretchy and can change size
3	Skeletal support for the plant Form a major part of fruit pits and nut shells	Thick, rigid walls Have a second cell wall that contains lignin Found in parts of the plant that are no longer growing

Plants Cells And Tissues Study Guide

David Kirk

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