

Transport System	Diagram	Structure	Function
Root hair cells		<p>Root hair cells increase the surface area of roots. This increases the amount of water and minerals absorbed to maintain water balance and provide sufficient energy.</p>	
Xylem		<p>Two main elements:</p> <ul style="list-style-type: none"> <li>• Tracheids</li> <li>• Vessels</li> </ul> <p>Vessels form continuous tubes for water transport. The walls of tracheids and vessels are reinforced with lignin to prevent collapsing and allow easier movement of water.</p>	
Phloem			<p>Organic nutrients eg sugars move both up and down the plant through sieve tube elements by translocation. The loading of sugars into phloem requires energy. The sugars (sap) flows from element to element through sieve plates.</p>
Stomates & Lenticels			

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