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| A plant needs to be able to:  |  Part of Plant  |  |
| 1. Capture the sun’s energy
2. Obtain CO2 and release O2.
3. Obtain water and nutrients
4. Transport water and nutrients throughout the plant
 | LeavesLeaves Roots Roots and Stems | Chloroplast, chlorophyllStomata Diffusion/osmosis Vascular Tissue – xylem and phloem. No vascular tissue – diffusion. |