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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 | Leaves  Leaves  Roots  Roots and Stems | Chloroplast, chlorophyll  Stomata  Diffusion/osmosis  Vascular Tissue – xylem and phloem.  No vascular tissue – diffusion. |