Questions for Longwood?

Email us at VirtualFieldTrips@longwoodgardens.org
Parts of a Plant

What does a plant need to survive?
Circle what you think is necessary for a plant's survival.
- Sunlight
- Nutrients
- Water
- Exercise
- Carbon Dioxide
- Shelter

Adaptation
Fill in the blanks.
A specific ____________ to a feature or behavior that allows a plant or animal to ____________ in a particular environment.

Desert Facts
Precipitation:
10 inches (25.4 cm) of rain each year.

Temperature:
100°F (37.8°C) during the day to below freezing at night.
Desert Plants

Agave

Old Man Cactus

Prickly Pear Cactus

Plant Adaptations Matching

Match the plant adaptation with its purpose by drawing a line.

<table>
<thead>
<tr>
<th>Adaptation</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spines</td>
<td>Storage of Water</td>
</tr>
<tr>
<td>Light Color</td>
<td>Reflection of Sunlight</td>
</tr>
<tr>
<td>Trichomes (Hair)</td>
<td>Moisture Retention</td>
</tr>
<tr>
<td>Widespread Root Systems</td>
<td>Protection from Harsh Winds</td>
</tr>
<tr>
<td>Thick Leaves and Stem</td>
<td>Collection of Water</td>
</tr>
<tr>
<td>Waxy Coating</td>
<td>Protection from Predators</td>
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</table>
Create Your Own Desert Plant

Adaptations of My Desert Plant