



Why is each of these important to a plant?

Sunlight

Carbon Dioxide

Oxygen

Soil Anchorage

Soil Minerals

Soil Water



What happens if a plant cannot receive any of these?

What else might a plant need to grow well?



Activity: What Makes Plants Grow?

<http://www.soil-net.com>



This activity helps students begin to understand the relationship between plants, plant growth/health and the soil.

Text books may often underplay the crucial impact soil has upon plants, in providing a source of nutrients for the roots, in providing water and in providing an anchorage for the roots.

In addition to the qualities noted, plants may also need shelter from wind and excessive temperatures. Plants suit themselves to their environments - for instance the 'leaves' of succulents can retain water in hot climates; cacti can do this as well as protecting themselves from grazing animals.

