

Fall/Autumn

Why do the leaves change colors and fall off trees?

Leaves begin to change colors during the Fall/Autumn season because leaves stop producing **chlorophyll** as it gets cold. **Starving** themselves of chlorophyll allows for their yellow, orange, and red colors to show. They then begin to fall off. Trees grow back leaves in the Springtime.

Absorption means to soak up or take in.

Chlorophyll is a green pigment found in all plants that allows for the absorption of light which provides energy for photosynthesis.

Photosynthesis is the process that plants use sunlight to make food from carbon dioxide and water.

Pigment the natural color of animal or plant tissue.

Starving is being super hungry and possibly dying of hunger.

