

For plants to live and grow in certain environments, they must adapt to their surroundings to get their basic needs met and to ward off predators.



Key vocabulary

adaptation

A change that a living thing goes through so it fits better with its environment.

adapt

To change in response to the environment or situation.

environment

The natural world of the land, sea, and air.

natural selection

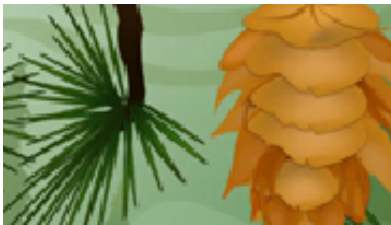
Over time, traits that are essential to an organism's survival are passed on to future generations. Those traits that are not necessary for survival become less common in future generations.

Related articles



Angiosperms: Seeds in Fruit

In some plants, called angiosperms, seeds grow inside fruit. That is a pretty tasty place to grow up, if you ask us!



Gymnosperms: Seeds in Cones

Plants have to get their seeds out somehow, and gymnosperms do it with cones. How? Let us show you!



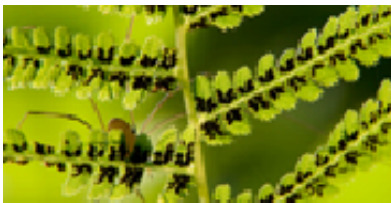
Photosynthesis

When people get hungry, they go to a restaurant or their refrigerator. Not plants! They make their own food using photosynthesis.



Plants with Seeds

Seeds are amazing things! Read this section, and you will never look at your sunflower seeds the same way again.



Mosses & Ferns

What do mosses, liverworts, club mosses, spike mosses, horsetails, and ferns have in common? They all reproduce using spores!



Plants without Seeds

Did you know that plants do not all have seeds? Some plants reproduce by other means, and they get very creative!



How do plants drink all that water? Roots and stems work kind of like a straw, and they are the best friend of a thirsty plant.