

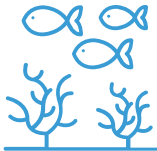
Did you know: You can Create-ure Own Bug!

Engineering new ideas in nature!

Habitats

From the depths of the ocean to the top of the highest mountain, habitats are places where plants and animals live. A species's habitat are places where they can find food, shelter, protection, and mates for reproduction!

There are many habitats and biomes on Earth that species call home: desert, ocean, forest, tundra, rain forest, grassland, and more! Plants, animals, and bugs that live in these habitats have specific body adaptations to help them survive. You wouldn't see a polar bear living in the desert! It wouldn't survive!



Everyday Science: You Are What You Eat

Everyday Food

Bugs can be found in everyday food that you consume. We might think that fruits and vegetables are washed properly before we buy them, but there can still be tons of bug parts: legs, heads, particles from bugs that we bring home. Even in canned food, bugs can still either be used or make their way onto our dinner plates. Happy eating!

Red Candy

You know you shouldn't eat a lot of sweets. But it always seems the red candied goodies have the best flavors! From red Skittles, Swedish fish, Twizzlers, Hot Tamales, and even red juice- your sweet treat contains more than just sugar. An ingredient called "carmine" used as a vibrant, bright red food coloring is actually made from the abdomen of a female beetle from Africa. The belly of this beetle is used to help make the red coloring in some of our favorite treats!

Animal Adaptations

Adaptations are any behavior or physical characteristic of a living organism that helps it to survive. These include: body coverings, body parts, and behaviors.

Body Parts:

Wings, teeth, legs, fins, stingers, eyes, whiskers, feet, claws, tails, beaks, and more!

Body Coverings:

Fur, hair, scales, blubber, shells, skin, and more!

Behaviors:

Camouflage, Migration, Hibernation, Mimicry, Instincts, and more!



Candy Shells

Sorry again. It doesn't matter if the candy community calls it "confectioner's glaze" or "shellac"- that crunchy candy coating is made from liquid inside a female lac bug. The liquid is special from the lac bug because it dries hard and shiny. So that crunchy shell on an M&M, Skittle or other candies with a crunch- you can thank the female lac bug for the shiny coating! It protects the candy underneath the shell from dirt.