BioGuard®

science trivia

Our Planet

Acid rain not only damages trees and soil, it can even dissolve stone.

There are about 1,343 active volcanoes on earth.

The high concentration of salt in the Dead Sea makes it hard to dive below its surface.

The deepest part of the ocean is 35,813 feet deep and occurs in the Mariana Trench in the Pacific Ocean. At that depth the pressure is 18,000 pounds per square inch.

Ten minutes of one hurricane contains enough energy to match the nuclear stockpiles of the world.

Most gemstones contain several elements. The exception? The diamond. It's all carbon.

Nature

For their size and weight, grasshoppers make the loudest sound of any animal.

Bats are the only flying mammal.

When a flea jumps, the rate of acceleration is 20 times that of the space shuttle during launch.

The most dangerous animal in the world is the common housefly. Because of their habits of visiting animal waste, they transmit more diseases than any other animal.

The world's largest amphibian is the giant salamander. It can grow up to 5 ft. in length.

The blue whale can produce sounds up to 188 decibels. This is the loudest sound produced by a living animal and has been detected as far away as 530 miles.

The Stegosaurus dinosaur measured up to 30 feet (9.1 meters) long but had a brain the size of a walnut.

The common goldfish is the only animal that can see both infra-red and ultra-violet light.

Hummingbirds are the only animals able to fly backwards.

The largest eggs in the world are laid by a shark.

The animal with the largest brain in relation to its body is the ant.

Cheetahs can accelerate from 0 to 70 km/h in 3 seconds.

The Human Body

Your skin is about 5% of your body weight and is your largest organ.

The smallest bones in your body are in your ears.

Every day, you inhale about 40 billion trillion molecules of oxygen.

It takes approximately 12 hours for food to entirely digest.

There are more living organisms on the skin of a single human being than there are human beings on the surface of the earth.

In your lifetime, you'll shed over 40 pounds of skin.

Misc

The only letter not appearing on the Periodic Table is the letter “J”.

No matter its size or thickness, no piece of paper can be folded in half more than 7 times.

If you could drive to the sun -- at 55 miles per hour -- it would take about 193 years.

Hydrogen is the most abundant element in the Universe (75%).