Electroreception refers to an animal’s ability to perceive electrical impulses. Aquatic creatures more often have this “sixth sense” because saltwater conducts electricity better than air.

Did you know?
Sharks and rays have a special organ in their snout. It uses electroreception to find wounded fishes and crustaceans, which give off a weak electric field.

Fun Fact
Sharks and rays rely heavily on electroreceptors right before they bite, because their eyes cannot see the area near their mouth.

Interesting Fact
Sharks are the most electrically sensitive animals known. They respond to DC fields as low as 5 nV/cm.