COOL SCHOOL

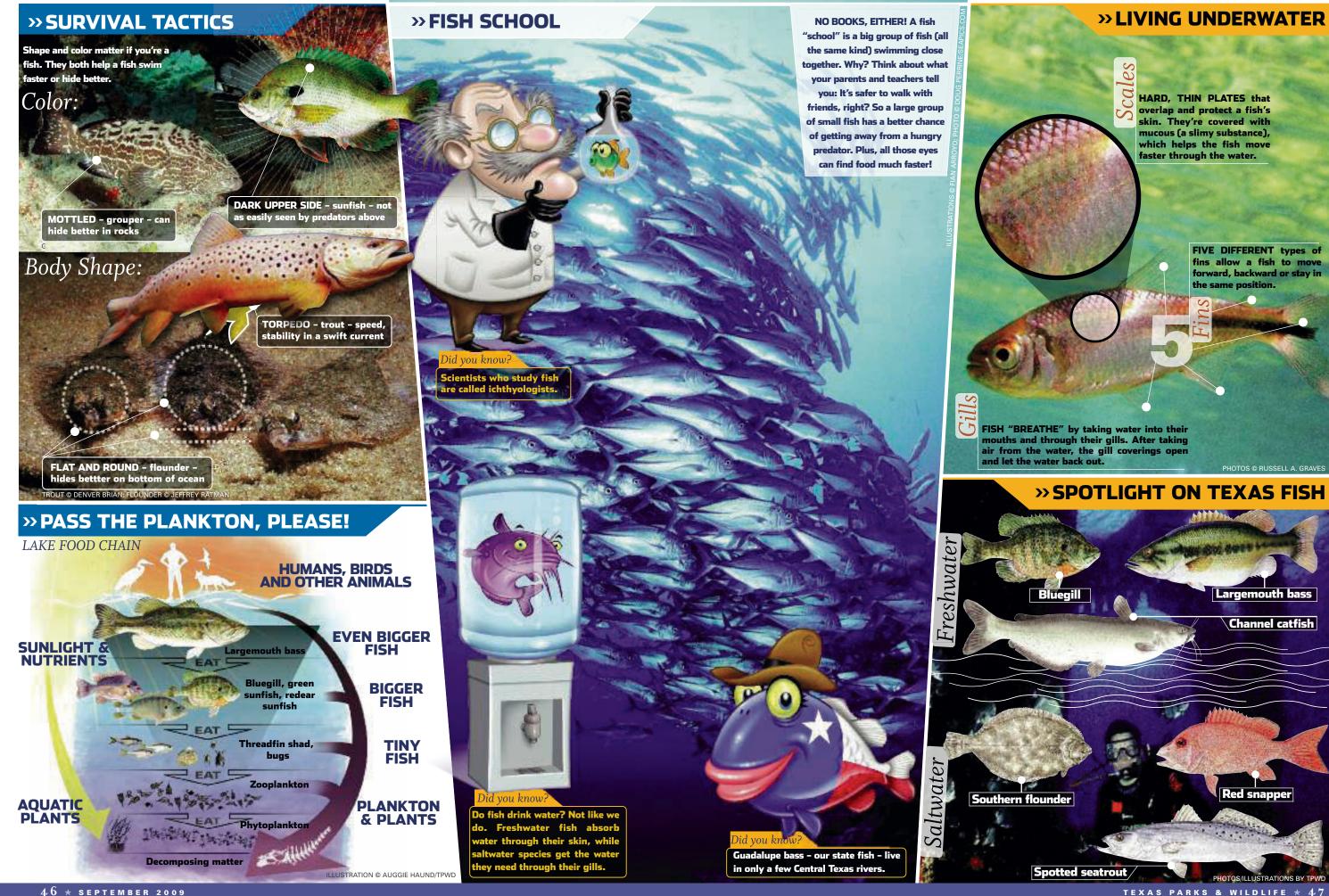
Dive into the wet world of fish!

»SUPER SWIMMERS

EVER WISHED YOU WERE A FISH? Well, you'd look silly with fins, scales and gills, right? But those three main body parts enable fish to swim and survive under water. Fish are also cold blooded, which means their body temperature changes with the surrounding water. Freshwater fish live in rivers, creeks and lakes. Saltwater fish live only in the ocean. Fish can be as small as tiny minnows in a stream or gigantic, like blue marlins in the gulf. What kind of fish would you like to be?

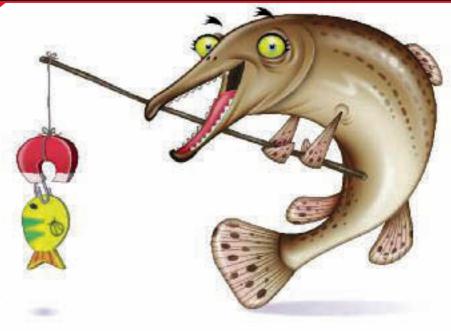
Sailfish

W W W . T P W M A G A Z I N E . C O M



>> WILD ART

YOU'LL NEED SOME CRAFT FOAM or stiff cardboard. Draw a simple fish outline on the foam. Decorate or color your fish. Cut it out, then attach a paper clip near its mouth. Find a magnet and tie a long string around it. Attach the string to a pole or a ruler. Now go fishing! Make lots of fish in different sizes and colors. Find a book on fish and draw outlines that look like a channel catfish, longnose gar or some other Texas fish.







>> KEEPING IT WILD

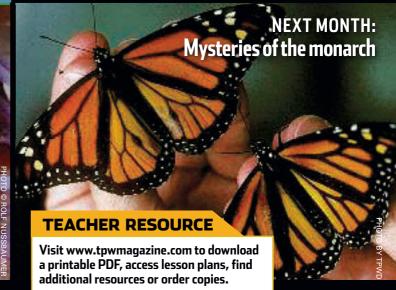
WHAT DO YOU DO when you see trash on the ground? If you don't pick it up, that soda can or candy wrapper could eventually get washed into a river or onto a beach. Trash dirties the water, which can hurt fish and other aquatic animals. Do you live near water? Why not invite some friends to help you clean up a riverbank or part of a beach? (Be sure to ask an adult to come along as well.) If you live in a city, pick up trash in your neighborhood. Explain to your friends why fish need clean places to live, too.



>> WILD MATH



MOST FISH REPRODUCE BY "SPAWNING." A female lays hundreds or thousands of eggs, then a male comes by and fertilizes them. A female Guadalupe bass deposits 9,000 eggs. After chasing her off, the male guards the nest. That sounds like a lot of eggs, right? But some minnows sneak up and eat 3,679 eggs. Then two catfish come along and snatch 2,534 more. The "fry" (baby fish) hatch, but bigger fish swallow up 2,707 during the first week. How many survived? Why do you think fish lay so many eggs?



 $48 \times \text{SEPTEMBER} 2009$