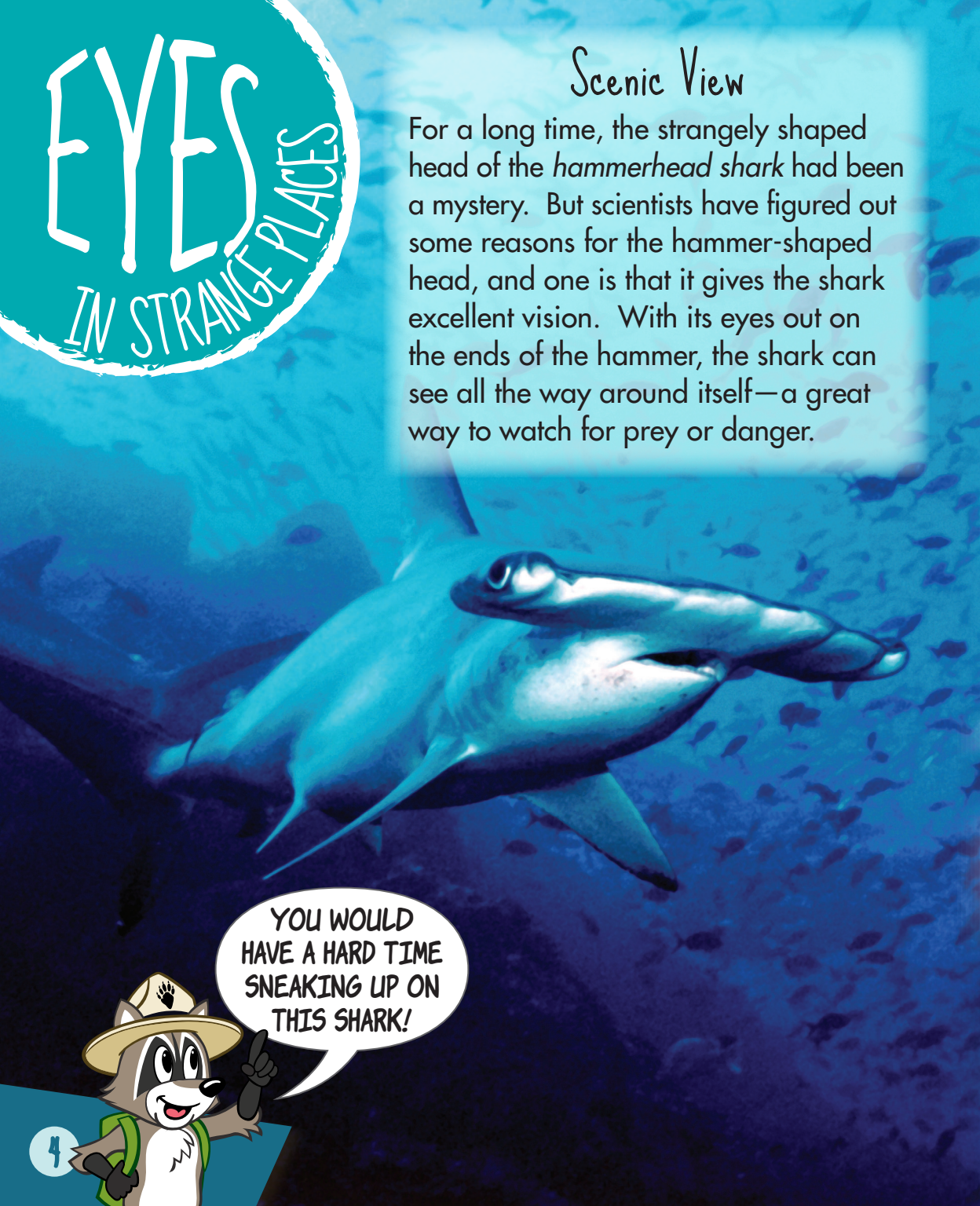


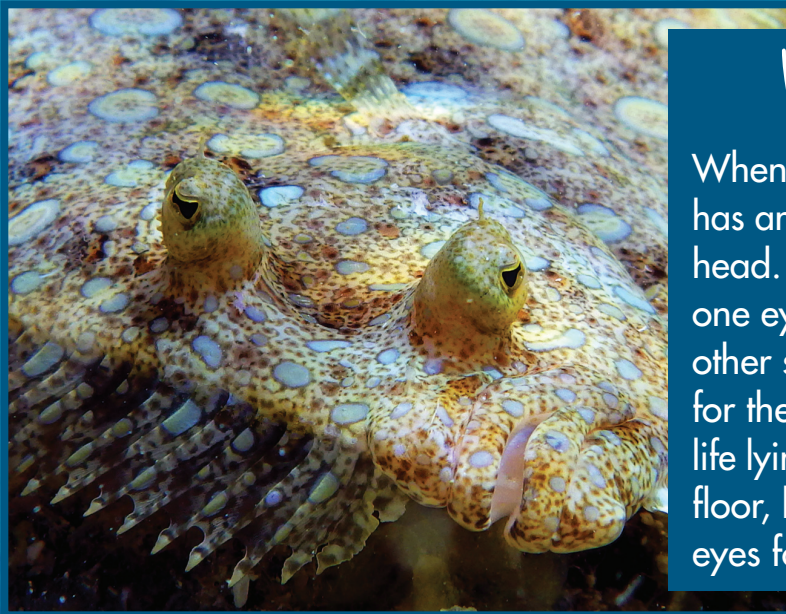
EYES IN STRANGE PLACES

Scenic View

For a long time, the strangely shaped head of the *hammerhead shark* had been a mystery. But scientists have figured out some reasons for the hammer-shaped head, and one is that it gives the shark excellent vision. With its eyes out on the ends of the hammer, the shark can see all the way around itself—a great way to watch for prey or danger.



YOU WOULD
HAVE A HARD TIME
SNEAKING UP ON
THIS SHARK!

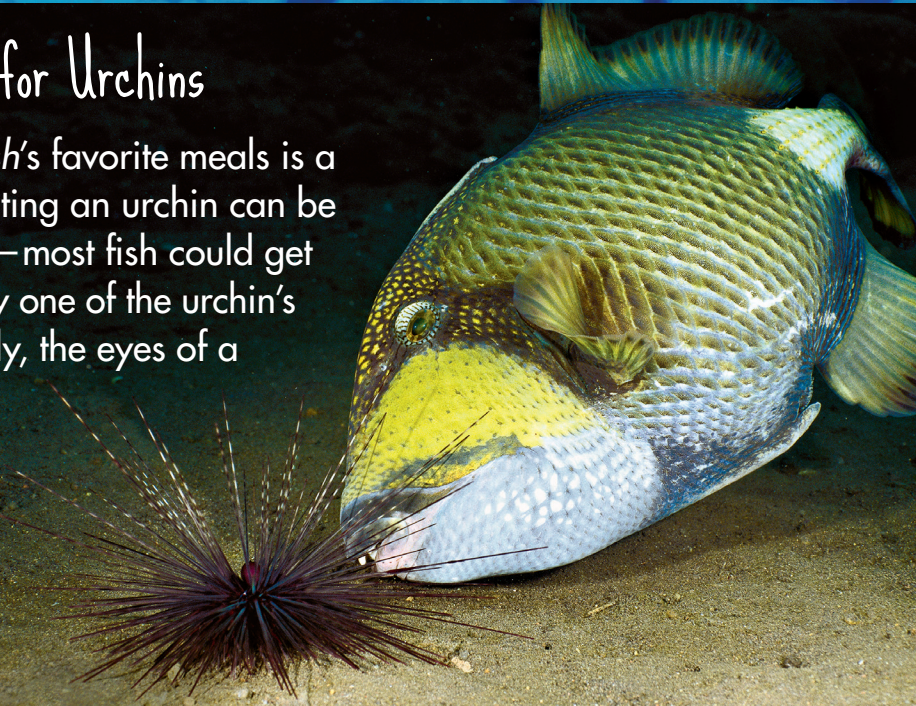


Wandering Eye

When a *flounder* hatches, it has an eye on each side of its head. But as the fish grows, one eye slowly moves to the other side! That works great for the flounder. It spends its life lying on its side on the sea floor, looking up with both eyes for something to eat.

An Eye for Urchins

One of a *triggerfish's* favorite meals is a sea urchin. But eating an urchin can be a prickly problem—most fish could get poked in the eye by one of the urchin's long spines. Luckily, the eyes of a triggerfish are set farther back on the head than the eyes of most other fish. So the triggerfish can feast while its eyes stay safely out of reach.



EYES IN DISGUISE

Frilly Fake-Out

A *crocodilefish* likes to lie quietly on the ocean floor, pretending not to be there as it waits for prey to come near. Its coloring helps it to blend in. Normally, round, dark eyes might be a hint to prey that someone is watching. But a **frilly** flap of skin changes the look of the eyes, completing the crocodilefish's disguise.





Spot an Eye?

"Peek-a-boo—I see you!" this *humpback grouper* seems to say. "But can you see me seeing you?" The eyes are perfectly disguised by the fish's spotted skin. If enemies can't tell which end of the fish is its head, they might attack the wrong end—where they would likely do less damage.

Eyes That Surprise

See the big eyespots on the fins of this *twin-spot goby*? They might fool enemies into thinking two big eyes are staring right at them. The goby's real eye is partially hidden in a stripe. When the goby feels threatened, it suddenly opens and closes its fins—flashing the big spots! This may **startle** a predator long enough for the goby to get away.

Some people believe that the spots may look like a crab's eyes. What do you think?

SUCH
LARGE EYES
YOU HAVE!

