



CAN YOU REALLY HEAR THE OCEAN INSIDE A SHELL?

Nope, you aren't holding a shell full of captured sea sounds. With a conch shell held to your ear, **you may think you hear ocean waves and winds**—but that's an illusion!

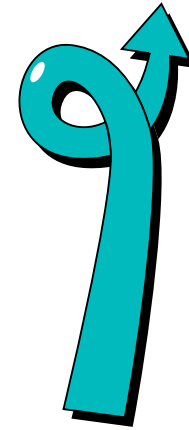
You're really hearing echoes or reflections of the sounds around you at the moment. Those sounds bounce around off the smooth surfaces inside **the shell's spiraled pathways**, then back to your ear. Sounds may get louder or softer in the process.

Don't have a shell handy? Hold the open end of an empty jar to your ear. It doesn't have the spirals of a conch shell, but **you may hear a sound like a breeze**—or the echoes of people asking what you're doing with that jar over your ear!



FLAGS WAVE, PEOPLE WAVE, AND THE OCEAN HAS WAVES. HOW ARE THESE WAVES ALIKE?

WHAT WOULD IT BE LIKE TO LIVE IN THE OCEAN?



Where might you see a seashell besides at the beach?



What does sand feel like?



Why do you think some things float in water?