

DID YOU  
KNOW? DID  
YOU KNOW:

*Some  
submarines  
can remain  
submerged  
(underwater)  
for months at  
a time!*

# HOW DO SUBMARINES WORK?

When a submarine is at the surface, its ballast tanks are filled with air. In order to submerge, the ballast tanks are filled with water, making the submarine heavy, causing it to sink. When the submarine has to resurface, the water is pumped out of the ballast tanks and compressed air is forced in. Once the tanks are filled with air—which is light—the submarine will float to the top.

Information from *Pitara.com* and *SubmarineSafaris.com*.

**Did you Know:** In 1870, Jules Verne wrote the book *20,000 Leagues Under the Sea*. In the book, he mentioned a ship, *Nautilus*, which could dive beneath the waves and surface when it wanted to. Jules Verne described this ship in great detail, describing the technology and how it worked. Today's submarines use the same technology as described in the book.