

Kids question and answers-worksheets

I wonder how big heavy ships float in the water...

When an object weights less than the amount of water taking up the same amount of space, the object floats. A big ship takes up a lot of space, the object floats. A big ship takes up a lot of space in water. Water in that much space would weigh even more than the ship, so the ship floats. If the ship had a hole in it, it would sink.

I wonder why airplanes fly...

When I see them up lose, I can't believe that airplanes can get off the ground. They are so big and heavy, it is hard to understand how the air can pick them up.

When airplanes travel on the ground at very fast speed. The air above the wings moves faster than the air under the wings, causing the plane to lift off. Once it is in the air, the speed and airflow keep the airplane sailing. When it is time to land, the pilot must slow down. This is done with the flaps on the wings.

I wonder how a submarine goes under water...

A submarine has big tanks inside it. When the tanks are full of air, the submarine stay up. Sometimes the people on the submarine want to go down. Then they let water into the tanks. When water pushes the air out, the submarine goes down. When air is blown into the tanks, it pushes the water out and the submarine goes up.