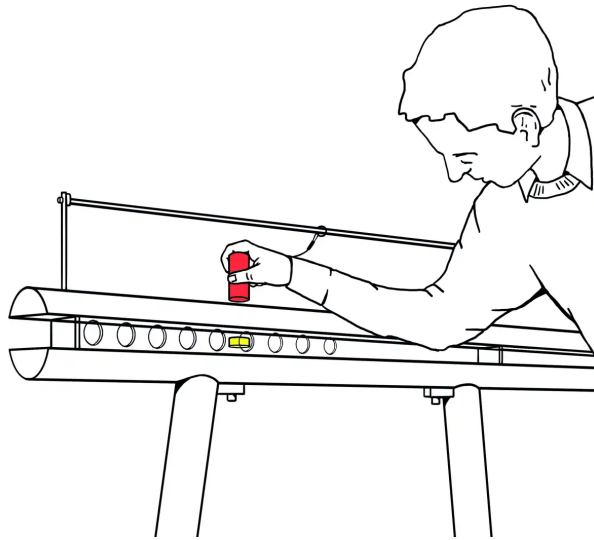


Floating in copper

Can you make the silver magnet float?



Hold the black magnet above the copper slab, directly over the silver magnet.

The silver magnet doesn't fall straight down – it moves as if it is in a very thick liquid.

When a magnet moves near an electrical conductor, electric currents flow in the conductor. These currents make magnetic fields which oppose the motion of the magnet. This slows down the movement of the silver magnet, giving you time to adjust the black magnet to keep the silver magnet floating.