

# DENSITY

Density describes how much an object weighs relating to its size.

## FOR EXAMPLE:

Here we have two objects. Both are similar in size, but the marble is more dense than the ping-pong ball.



If we were to drop the following objects in a pool, which items would float and which items would sink? Circle the objects that would float and draw a square for the objects that would sink.



LOCK



FEATHER

## REMEMBER

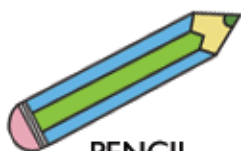
If an object is less dense than water it will float, but if it is more dense it will sink.



PEBBLE



SHOE LACE



PENCIL



LEAVES

