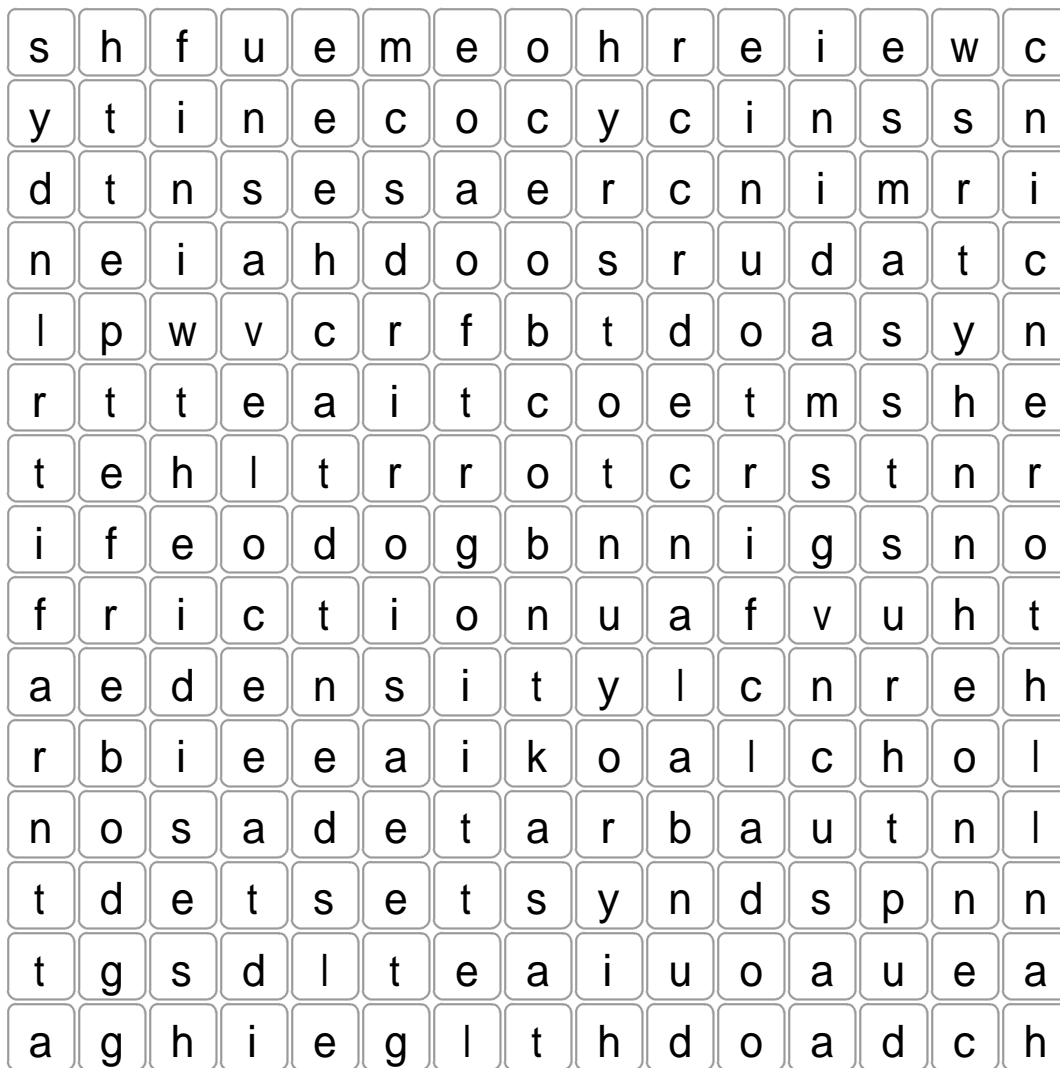


Use the Force



Words to find:

density, distance, float,
force, friction, gravity,
increases, lubricants,
mass, unbalanced,
upthrust.

Use the words you find to complete this passage:

_____ opposes motion.

When we are in water _____ pushes us up.

Friction _____ as the speed increases.

To work out the speed we need to know the time and the _____.

_____ is a measure of how heavy something is relative to its size.

An object will _____ on water if it's density is less than water's.

For an object's speed to change the forces must be _____.

We can use _____ to reduce friction.

We measure forces using a _____ meter.

_____ will always be the same.

Weight changes depending on the strength of _____.