

# Archimedes' Principle

- States that an object is pushed upward by a force equal to the weight of fluid it displaces.

# Buoyant Force

- An upward force created by the fluid that is displaced by an object.

# Density

- The amount of matter per unit volume.

# Displace

- To push out of the way.

# Mass

- The amount of matter in an object.

# Volume

- The amount of space an object occupies or takes up.

# Weight

- The downward force of gravity on an object.