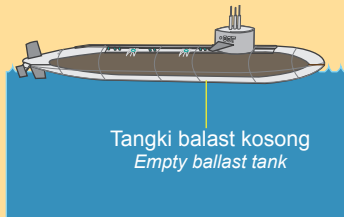




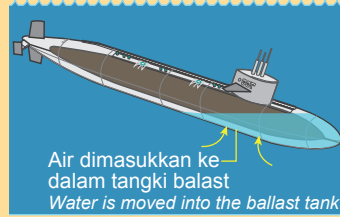
APLIKASI PRINSIP ARCHIMEDES

THE APPLICATION OF ARCHIMEDES'S PRINCIPLE

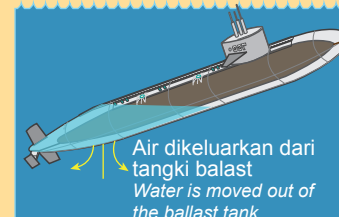
■ Kapal Selam / Submarine



Kapal selam terapung.
The submarine floats.

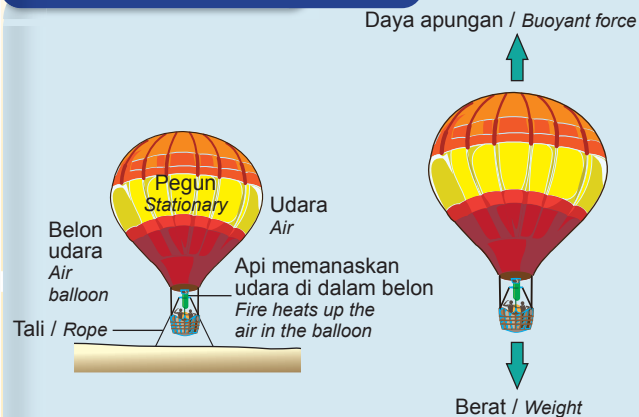


Kapal selam menyelam.
The submarine sinks.



Kapal selam naik semula.
The submarine floats again.

■ Belon Udara / Air Balloon

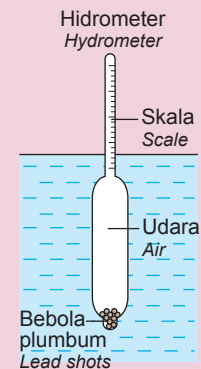


Belon udara panas menyebarkan isi padu udara yang besar. Udara panas di dalam belon kurang tumpat daripada udara di luar belon.

Hot air balloon displaces a huge volume of air. The hot air in the balloon is less dense than the air outside the balloon.

Daya apungan > Berat belon
Buoyant force > Weight of balloon

■ Hidrometer / Hydrometer



Hidrometer digunakan untuk mengukur ketumpatan relatif cecair.

Hidrometer terapung lebih tinggi di permukaan cecair yang lebih tumpat.

Hydrometer is used to measure the relative density of liquid. The hydrometer will float more in denser liquid.