Properites of Gases and Liquids *Active* Folder Activity Cards

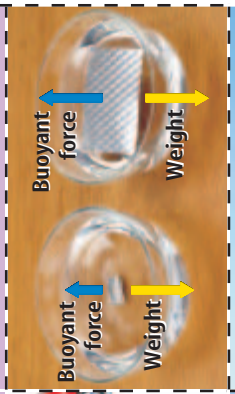
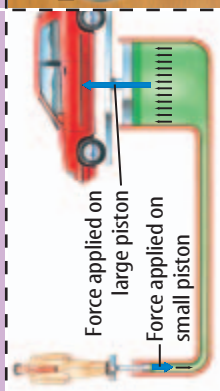
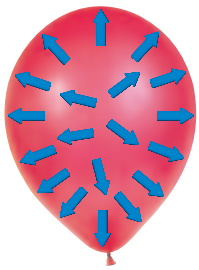
Definition cards

The buoyant force on an object equals the weight of the fluid the object displaces.

The pressure applied to a fluid increases by the same amount everywhere in the fluid.

When the speed of fluid increases, the pressure applied by the fluid decreases.

Archimedes' principle

Principle definition	Characteristic cards	Principles of gases and liquids cards
Fluid exerts an upward buoyant force on an object.	An object will float in a fluid that is more dense than itself and sink in a fluid that is less dense than itself.	 
When the speed of a fluid increases, the pressure exerted by the fluid decreases.	Moving fluid causes the pressure to decrease.	 
When a force is applied to a confined fluid, an increase in pressure is transmitted equally to all parts of the fluid.	The pressure of a fluid changes by the same amount everywhere.	 

Principle pockets

Bernoulli's principle

Pascal's principle