How the lungs work
Demonstrate the action of the diaphragm by means of the apparatus shown in the accompanying diagram. The rubber balloons represent the lungs, the tube represents the windpipe and the open bottom jar represents the bony thoracic girdle. Lowering the diaphragm reduces the pressure inside the cavity and air flows into the lungs. Raising the diaphragm reverses the flow of air. Try moving the diaphragm with the clamp closed.