

Forces

4. Pressure

CONCEPT 2

TEST YOURSELF

PRESSURE IN A FLUID

KNOW

- Q1 Why would you experience more pressure if you dived to the bottom of a swimming pool in comparison to if you were swimming near the surface?
- Q2 What is an atmosphere?

APPLY

- Q3 Briefly describe an experiment you could conduct that would show how pressure varies at height. Also include information on what your findings would be.
- Q4 Why should divers be careful when descending too quickly?

EXTEND

- Q5 What causes the atmosphere to have pressure?
- Q6 Draw two diagrams. In the first show how gas particles would be arranged in a balloon that was floating 25km above the ground. In the second, show how the arrangement of these particles would change if the balloon was now only 1km above the ground.