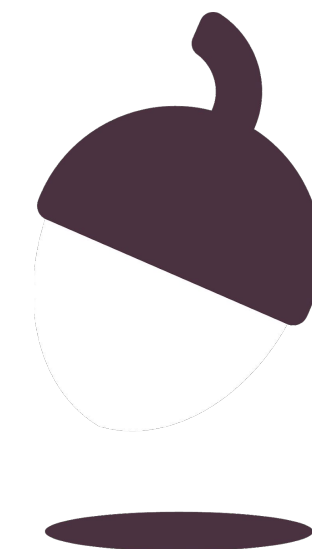


Combined Science - Biology - KS4
Organisation

The Lungs

(Downloadable student document)

Mr Humphries



OAK
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ACADEMY

Independent Task

Complete the sentences.

- 1. Oxygen moves from the...**
- 2. Oxygen moves from a high...**
- 3. Oxygen moves down...**

- 4. Carbon dioxide moves from the...**
- 5. Carbon dioxide moves from a high...**
- 6. Carbon dioxide moves down...**



Independent Practice

Describe and explain how folded membranes make the alveoli adapted for gas exchange. (2)

- **Folded membranes give the alveoli a large surface area**
- **This increases the rate of diffusion**



Independent Practice

Describe and explain how a good blood supply makes the alveoli adapted for gas exchange. (2)

- **Good blood supply maintains a steep concentration gradient**
- **This increases the rate of diffusion**

