

# OCR A Biology A-level

## PAG 10 - Investigation using a Data Logger

### Flashcards

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# What is the function of a spirometer?



What is the function of a spirometer?

Measures breathing and respiration.



# How is tidal volume found using a spirometer?



How is tidal volume found using a spirometer?

It is the distance from peak to trough when the participant is breathing normally.



# How is vital capacity found using a spirometer?



How is vital capacity found using a spirometer?

The distance from peak to trough when the participant takes a forced deep breath.



What does an upward slope on the spirometer trace indicate?





What does an upward slope on the spirometer trace indicate?

Person breathing in.



What does a downward slope on the spirometer trace indicate?



What does a downward slope on the spirometer trace indicate?

Person breathing out.

