

# WJEC England Biology

# GCSE

## SP4.1 - Reaction Time

### Flashcards



# What is reaction time?



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The time taken to respond to changes in the environment.



Describe how you would investigate the effect of repetition on reaction times in humans.



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- Work in partners. One partner places the forearm of their non-dominant hand on the table, with their hand hanging off the edge.
- One partner should hold the ruler between the fingers of the other partner at the 0 mark.
- The partner holding the ruler drops it without any warning, and the other partner should catch the ruler as quickly as possible.
- Record the number level after the ruler has been caught - repeat at least 5 times per person.
- Find reaction times using a conversion table.



What other factors could you investigate  
in this experiment?



What other factors could you investigate in this experiment?

The effect of caffeine, background noise, or using dominant/non-dominant hand.

