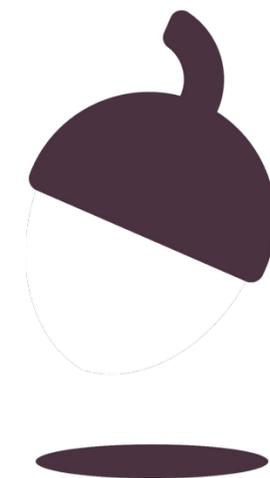


Biology - Key Stage 4

# Mendel

Mrs Gibbs



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# Who was Gregor Mendel?

Mendel was an Austrian \_\_\_\_\_.

When did he live?

What did he study?



# Independent task

- Round seeds (R) are dominant over wrinkled seeds (r). Draw a Punnett square to show the probability, as a percentage, of the F1 generation inheriting round seeds.
- Draw a Punnett square to show the probability, as a percentage, of the F2 generation inheriting round seeds.



# Independent task

Mid-19th Century

Chromosomes (and genes) observed to behave similarly to Mendel's 'units'

Late 19th Century

Through breeding experiments on plants, Mendel observed 'units' of inheritance being passed on to descendants

Early 20th Century

Structure of DNA was discovered, as was an understanding of how genes function

Mid-20th Century

The behaviour of chromosomes during cell division was first observed

