

Population growth



Rabbits

How does the environment affect the number of rabbits in an environment?



You can change:

- The temperature
- How much food they have
- How much water they have

To start with, try changing just one condition, for example, temperature.

- Design a table to record your results.
- Include a Prediction column and fill this in before you run the experiment.
- If you changed the temperature, was the number of rabbits highest when it was warm, medium, or cool?
- Can you draw any other conclusions from your results?
- Can you draw a graph of your results?

Now change some of the other conditions. Keep a record of your results.

- What happens to the results if you change two conditions at a time?
- By changing all of the variables, can you find the ideal conditions for rabbits?
- What settings produce the smallest population of rabbits?

Counting the rabbits is easy - they are in blocks of 100 and as each block is completed a large rabbit appears with a label reminding you that it represents 100 rabbits.

