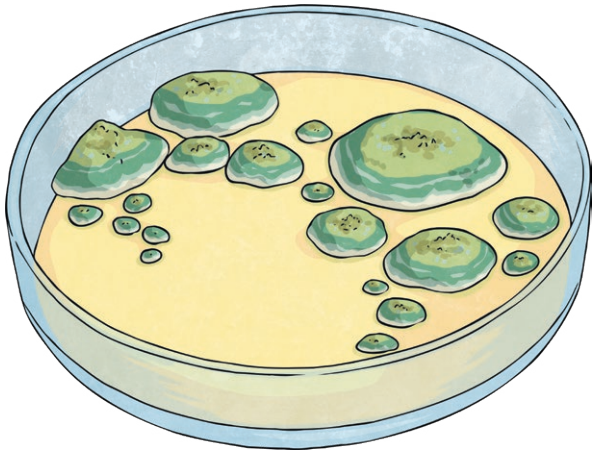
Alexander Fleming

During the First World War, scientist Alexander Fleming noticed that standard medicine wasn't helping to keep infection away in soldiers that had serious injuries. Knowing that it was a type of bacteria that was causing these infections, he started looking for a way to kill the bacteria.

After returning from holiday, he noticed that there was mould growing in the small dishes of bacteria that he had been conducting his experiments in. Amazingly, Alexander discovered that the mould (now known as penicillin) had eliminated the bacteria. He named this new mould an 'antibiotic'.

Today, penicillin can be prescribed by a doctor and used to treat bacterial infections that won't get better on their own.



Quick Questions



1. What did Alexander Fleming name the new mould?

   - ○ a bacteria
   - ○ an infection
   - ○ an antibiotic
   - ○ a small dish



2. Find and copy one word which means the same as **recommended**.

   _____



3. Describe how you think Alexander Fleming felt when he saw that the mould had eliminated the bacteria.

   _____

   _____



4. Using 15 words or fewer, summarise Alexander Fleming's discovery.

   _____

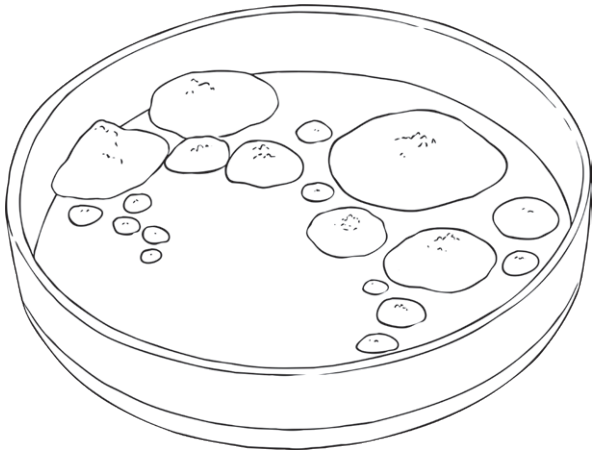
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Answers



1. What did Alexander Fleming name the new mould?

   ○ a bacteria
   ○ an infection
   ⊘ **an antibiotic**
   ○ a small dish



2. Find and copy one word which means the same as **recommended**.

   prescribed



3. Describe how you think Alexander Fleming felt when he saw that the mould had eliminated the bacteria.

   Pupils' own responses, such as: I think that Alexander Fleming felt incredibly excited because he had made a discovery that would help soldiers with serious injuries.



4. Using 15 words or fewer, summarise Alexander Fleming's discovery.

   Pupils' own responses, such as: He discovered that a mould called penicillin could kill bacteria that was making soldiers ill.