

Pioneers in science



Alexander Fleming

Alexander found some unusual mould growing in an empty dish. This led onto his discovery of penicillin. This came into use in 1941. Penicillin is used to kill bacteria. It is often given to people by their doctor if they have an infection.

Edward Jenner

Edward noticed that people who worked with cattle and got cowpox didn't get smallpox. Cow pox used to kill lots of babies and young children. In the late 18th century he found a girl who had cowpox and then gave it to a boy who was then given a dose of smallpox which he didn't catch. Edward Jenner was one of the first people to introduce vaccinations. Today people are vaccinated against lots of illnesses including measles and influenza.



Please remember to recycle this activity

1. What is penicillin?

2. Who discovered it?

3. When was it first used?

4. Who was killed by cowpox?



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5. How did he use cowpox to stop smallpox?

6. What was Jenner's first name?

7. What did Jenner introduce?

8. Find out how it is used today.



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