



Year 3
Topic

I will know how to explain why Edward Jenner was a hero.



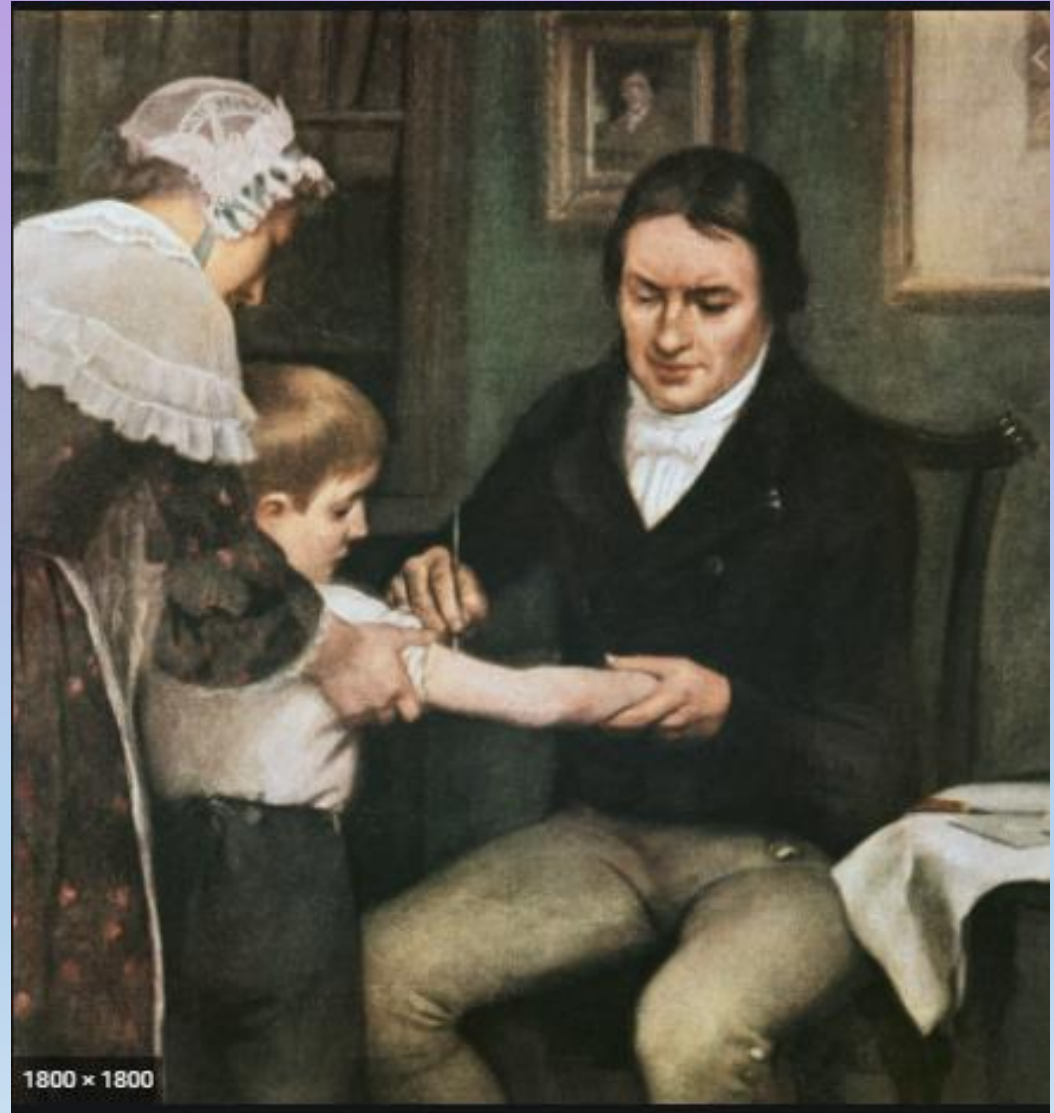
doctor
vaccine
vaccinate
disease

smallpox
medicine
cowpox
germs

Do now

This picture provides a clue about today's learning.

- Look at this picture.
- Write down 5 things that you can see.



- In our topic lesson today we will be learning all about a real life British hero.
- We will learn about who he was, when he lived and why he is considered a hero.

Edward Jenner



Please click on this link to watch a 10 minute video which tells his story.

When you have watched the video look at the rest of this powerpoint to remind you of some of the important facts to help you with your assignment. The video link is also in your topic folder along with a copy of this powerpoint.

<https://www.bbc.co.uk/teach/class-clips-video/history-ks1-ks2-edward-jenner/zm8fcqt>

When Did Edward Jenner Live?

Edward Jenner was born in Berkeley, Gloucestershire in 1749.

This was the middle of the 18th century, which was an exciting time as many new devices were being invented during this time



When Edward was aged 21, he went to London to become a qualified doctor.



As well as being interested in medicine, Edward was a keen scientist. He had a great interest in medicines that could be made from wild plants and flowers.



The Smallpox Outbreak

The most common and serious disease at this time was smallpox.

Over 2000 people in London died from smallpox. People who contracted smallpox got little spots on their skin, which were filled with pus.

People who survived were left with scars from the spots and some people even went blind. There was no known cure.

What Could Edward Jenner Do?

Edward asked his patients their thoughts about smallpox as he wanted to work out if it he could find a cure.

One day, he spoke to a dairymaid. She told him that she was not worried about smallpox because she had already had a disease called 'cowpox'.

Cowpox was a disease passed from cows to people and it was very common among dairymaids. It was not a serious illness and those people who had cowpox in their lifetime did not appear to be able to contract smallpox.

Why do you think this was? How do you think Edward Jenner felt about learning this information?



Dairymaid:
Someone who
milked and
looked after
cows in the
18th century.

Edward Jenner's First Experiment

In 1796, another dairymaid, Sarah Nelmes, went to see Edward to complain that she had a rash on her hand from when she had had cowpox.

Edward scraped some of the pus from the rash on the dairymaid's hand. He then scratched it under the skin of an 8-year-old boy called James Phipps.

This was the first example of a medical vaccination in history.

Within a few days, James Phipps had caught cowpox. He was slightly ill but recovered quickly.

Eight weeks later, Jenner gave James a mild dose of smallpox. He got a scab but did not develop full-blown smallpox.

Jenner discovered that the young boy had built up a resistance to smallpox because he had been given a small dose of the less dangerous cowpox.

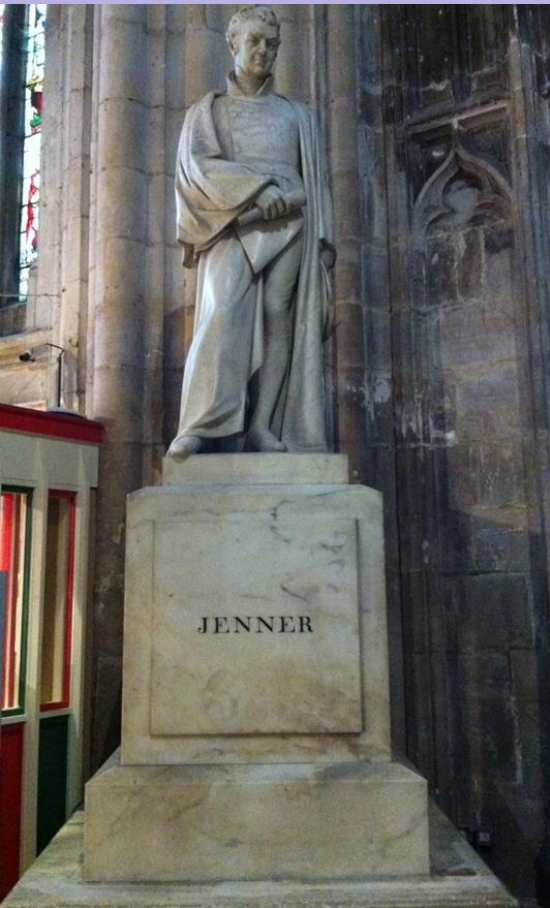
What Happened to the Vaccine?

Edward tried the vaccine on other children and his own son. They were all fine!

At first, people laughed at him and thought his idea was ridiculous. They felt that injecting someone with material from a diseased animal was wrong. However, Edward was determined to prove them all wrong. He wrote a book about his vaccination and soon it was used in hospitals in London.

When doctors in other countries heard about his success, they wanted the vaccine to help sick people where they lived. Edward sent them a sample of his vaccine to use.

Edward became very rich and famous but he stayed living in his home town of Berkeley. He made sure that he looked after the people who lived there and gave free vaccinations to the villagers.

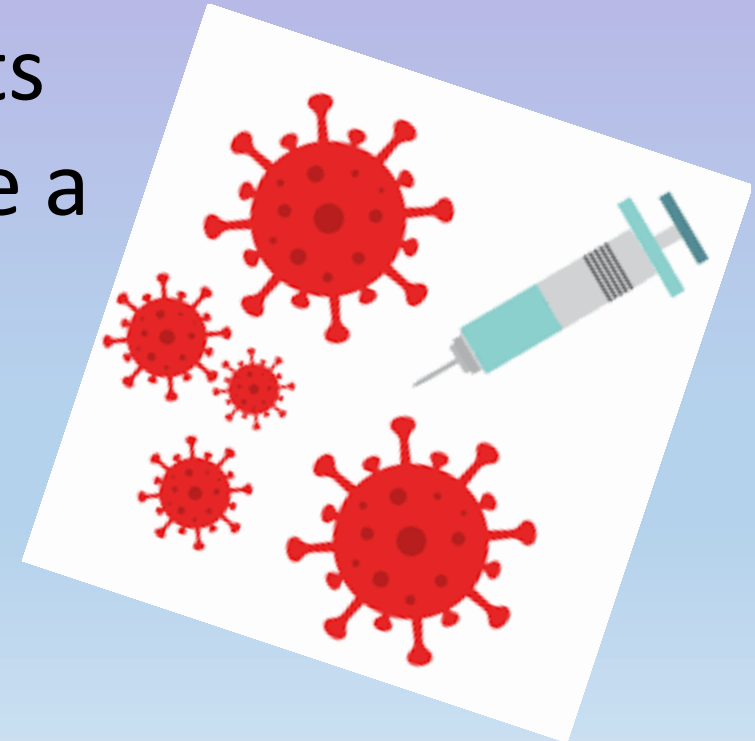


Edward Jenner is significant because he invented the world's first vaccine, which was for smallpox. He is also known by “the father of immunology” and according to studies he has “saved more lives and than the work of any other human.”

Why is this important today?

We have all heard of Covid 19, one of the group of coronavirus.






Because of doctors and scientists like Edward Jenner we now have a vaccine for Covid.



Your task

Create a fact file about Edward Jenner. Include important facts about him.

Here is a template, to help you, it is also in the assignments in your general folder in Teams to help you.

Edward Jenner	
Date of birth: _____	
Date of death: _____	
_____ is significant because _____ _____ _____	
	_____ _____ _____
A picture of Edward Jenner. 	Interesting Fact _____ _____ _____ _____ _____ _____ 



Can you include another interesting fact about Edward Jenner in your factfile?