

From Typhoid to Covid: Oxford and Vaccines

Session Length: 30 mins

Year groups: Upper KS2 but can be adapted to Lower KS2 (please make clear when booking)

Session Outline

- Watch a short, award winning, video to find out how Typhoid affected people in Victorian times
- Whole class quiz to review what we found out about Typhoid (during discussion of the answers we draw out similarities and differences between Typhoid and Covid 19)
- Explanation of how Vaccines work
- A brief history of vaccinations
- Research in Oxford today to find vaccinations for Covid 19 and other diseases
- A video showing a sculpture of an AstraZeneca vaccination nanoparticle on display at the Museum

Session Learning Aims:

To find out about

- How diseases such as Typhoid affected people in the past
- How different diseases can spread in different ways
- The role vaccines can have in preventing the transmission of disease and how they work in the body
- The work being done in Oxford today by scientists to produce new vaccines.

KS2 Curriculum Links

History

- Children 'should note connection, contrasts and trends over time'
- A local history study over time tracing how several aspects of national history are reflected in the locality
- A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 [e.g medicine through time]

Science

- Children should be 'equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future'
- Animals, including Humans (Year 6): pupils should learn how to keep their bodies healthy