

Student Activity

The Lens

Greatest Human Achievements

Vocabulary:

Galileo, Telescope, Heresy, Heliocentricity, Antony Van Leewenhoek, Microscope, Edward Jenner, Epidemics, Small Pox, Vaccination, Iron Lung, Anesthesia, Humphry Davy, Nitrous Oxide, Ether, Chloroform, Germ Theory

Pre-Viewing Discussion:

What has the lens done for modern society?

What was a major issue with sickness before the late 19th century?

Why was surgery so dangerous in the past?

Post-Viewing Discussion:

What did Galileo discover? Why did this make the church and state so mad at him?

What has the microscope done for sure?

How was a cure for small pox discovered? Who discovered it? Would this type of experiment ever happen today? Why?

Why was surgery so dangerous? Once anesthesia was discovered, what was the next problem doctors faced? How was this solved?

Further Activities:

Investigate a specific case of polio in the 1940s.

Research a new, cutting edge medical procedure. Cite what it entails.