


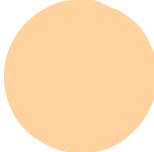



Electricity and COVID-19 Vaccine Adoption

Year 9 and 10, Science

COOL
.ORG



Adoption of electricity into homes

-  The public were unfamiliar with electrical technology
-  Fears of safety and misconceptions surrounding electricity
-  Electricity companies educating the public on the new technology, including public demonstrations of lighting, heating and cooking applications
-  Electricity (AC) is gradually accepted as the standard into homes and businesses
-  Adoption increases as electrical appliances become cheaper and more available.

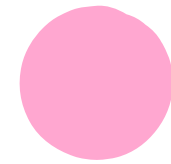
COVID-19 Vaccine adoption

Traditional vaccines typically take 5 to 10 years to develop. However, the COVID-19 vaccine was developed in under a year, due to intense international funding and collaboration.

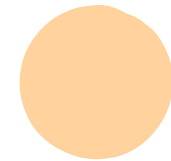
The mRNA vaccine were built on decades of prior research.



Adoption of the COVID-19 vaccine



False claims on safety and effectiveness



Widespread misinformation through social media



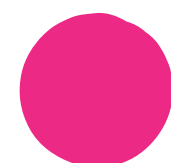
Vaccine became connected to political figures, affecting acceptance rates



Polarising public, political, and ethical opinions in many communities



Equitable access to vaccines across the world were a challenge for poorer countries and communities



Public health campaigns, data, education and increased accessibility resulted in increased acceptance rates

Sources

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