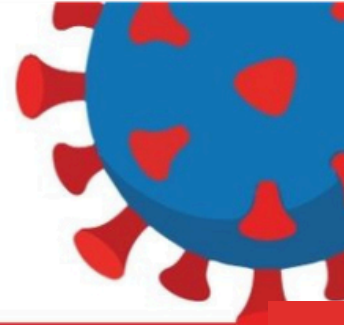


COVID-19

SEARCH FOR A CURE



COVID-19: THE SEARCH FOR A CURE

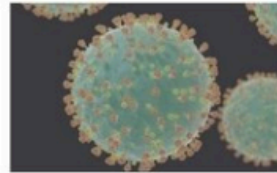
DIGITAL ESCAPE GAME

DIGITAL ACTIVITY

What is a Coronavirus?

A coronavirus is not just one virus - they are a family of viruses. Some of them are human viruses, while others come from animals. While some of them cause simple illnesses such as the common cold, some can be deadly. Some are named after their symptoms, while others are named after the location where they first appeared.

Types of Coronaviruses



What is the code to open the second lock?

Write your answer here.

Send

**NO-PREP
DIGITAL
ACTIVITY**

**6 different clues to
unlock the locks**

**Read about different
aspects to solve**



HIGH SCHOOL SCIENCE

COVID-19: THE SEARCH FOR A CURE



What's included?

- **No prep digital game - just share the link (genial.ly)**
- **6 different topics about Covid-19**

The disease COVID-19 has swept across the planet, causing sickness and death in almost every country. Scientists everywhere are working towards finding a cure. What can we - the general public - do to minimize the suffering? Even as students, you have a role to play. Find the answers that will unlock the locks and become part of the solution!



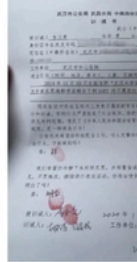
COVID-19: THE SEARCH FOR A CURE



Self-graded and motivating

Discovery of the virus

The first signs of the new virus were discovered by a Chinese ophthalmologist. While it was still unknown to the rest of the world, Dr. Li Wenliang shared his disturbing observations with a group of friends. The appearance of SARS-CoV-2 had been noted.



Dr Li's story



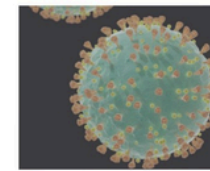
What is the code to open the first

Write your answer here.

The discovery of the virus

What is a Coronavirus?

A coronavirus is not just one virus - they are a family of viruses. Some of them are human viruses, while others come from animals. While some of them cause simple illnesses such as the common cold, some can be deadly. Some are named after their symptoms, while others are named after the location where they first appeared.



What is the code to the second lock?

Write your answer here

Types of Coronaviruses



What are coronaviruses?

Wash your hands!

While masks and social distancing are important, the most important way to fight against this virus is to wash your hands with plain old soap and water! Why does it work better than anything, even hand sanitizer? It comes down to one simple word.

What's the magic word?



What is the code to the third lock?

Write your answer here

Why washing your hands works

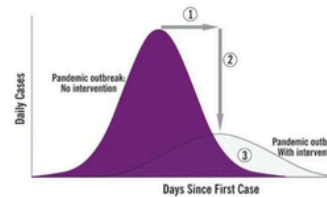
COVID-19: THE SEARCH FOR A CURE



6 different topics

Your task!

On day 1, ten people are infected with a virus. The infection spreads exponentially, with the number of people infected doubling every 2 days. How many people will be infected on day 31?



What is the code to open the fourth lock?

Write your answer here.

Exponential Growth

?

How does exponential growth work?

Search for the Cure

Now that COVID-19 has become pandemic, it's a race to find a cure. Several promising drugs are being tested - some that attack the processes that the virus uses to replicate, while some attack the RNA of the virus itself.



Find a cure

?

What is the code to open the fifth lock?

Write your answer here.

Possible drugs to cure Covid

Social Distancing

Social Distancing means staying away from others in order to stop the spread of a disease. It can be the difference between life and death. We can learn from the 1918 flu pandemic - two cities treated the flu very differently with very different outcomes. Which city had the better plan to deal with the virus? The answer will open lock #6.



What is the code to open the final lock?

Write your answer here.

A tale of two cities

?

How do we know social distancing works?