

# Viruses, COVID-19 and Ozobots!

Have you ever had a virus? Describe how felt.?

How do you think you caught the last virus you had?



## BrainPop Video: Viruses

The flu, cold sores, chicken pox - all these ailments, and plenty more, are caused by viruses. But what, exactly, is a virus, and how does it make you sick? You'll learn about the physical makeup of a virus, how viruses spread from one person to another, and some of the sicknesses caused by viruses - from simple ones like the common cold to life-threatening ones like Ebola. You'll even find out about harmless viruses, which simply replicate and then move on!

Why does Tim say the human body is a great home for viruses?

What happens after a virus attaches itself to a cell?

How can viruses spread?

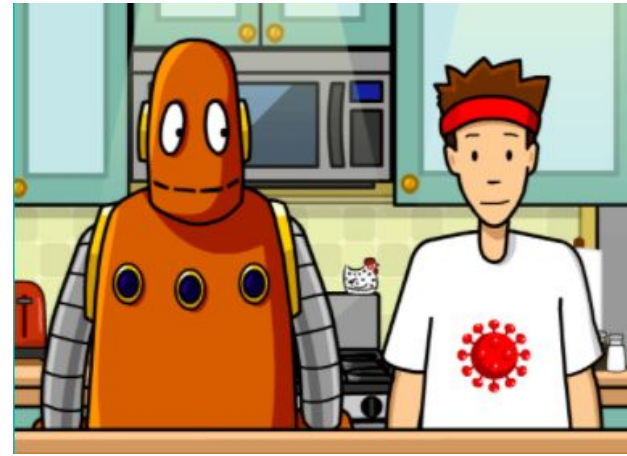
How can they spread from animals to people?



What have you heard about the coronavirus?

What do you want to learn about the coronavirus?

## BrainPop Video: Coronavirus



It can be scary to hear about a disease outbreak, but learning the facts can help ease your mind. A new coronavirus—a type of virus named for its crown-like shape—emerged in Wuhan, China in 2019, and then spread to people around the world. While the most severe cases often dominate the headlines, they're not the whole story. Most coronavirus cases have been mild, and healthy bodies can fight off the infection on their own. Find out more about how viruses work, and the best ways to prevent them from infecting more people.

How is the coronavirus similar to the common cold? How is it different?

How can we avoid spreading a virus?

Why would the World Health Organization be a better source of information than a news bulletin?

## **Discussion:**

With your table group discuss the following questions:

- How does knowing more about an illness make it less scary?
- What could you do to protect yourself or others against a virus?

# Avoiding Viruses Path with Ozobot Code

- Take time to write down all of the ways you can protect yourself and other against a virus.
- Now think of how you might draw or illustrate those strategies and techniques.
- What might a map of those strategies and techniques look like?





Avoiding  
Viruses



Cover your  
cough



Wash Your  
hands

You are going to create an **Avoiding Viruses Path** today.

This path will also serve as an Ozobot course.

Keep the following course suggestions  
in mind:

- Ozobots can get confused if the course crosses or if the corners are too narrow.
- Try to use a different **OzoCode** for each strategy or technique.
- Codes may be spaced out in any way

# Resources

<https://www.brainpop.com/health/diseasesinjuriesandconditions/coronavirus/>

<https://www.brainpop.com/health/diseasesinjuriesandconditions/viruses/>

<https://www.timeforkids.com/g56/staying-healthy/>

<https://www.timeforkids.com/g56/tfk-explains-coronavirus-2/>

<https://www.timeforkids.com/g56/ask-the-expert-katz/>

<https://www.timeforkids.com/g56/social-distancing-2/>

<https://www.timeforkids.com/g56/social-distancing-2/>

<https://www.brainpop.com/health/diseasesinjuriesandconditions/viruses/>

<https://www.brainpop.com/health/diseasesinjuriesandconditions/coronavirus/>