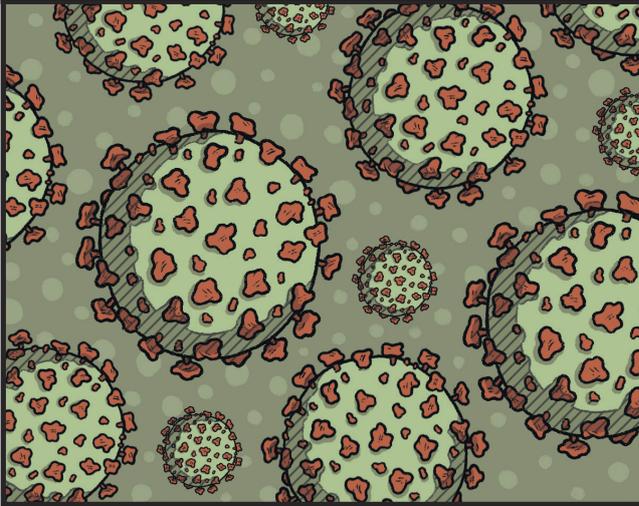




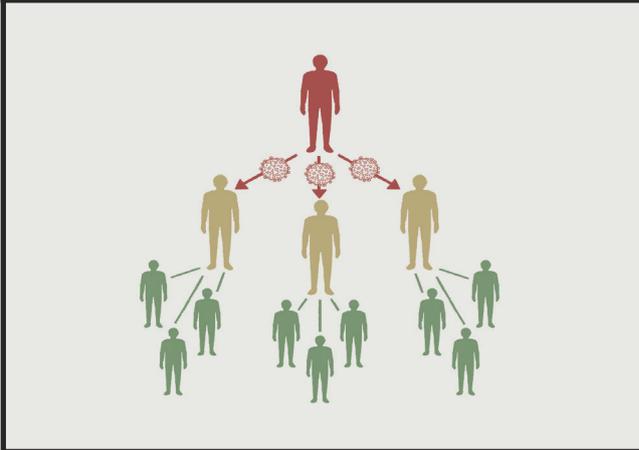
Coronavirus is the name of a family of viruses. Coronaviruses get their name from the crown-like halo (corona) that is visible when the virus is viewed under an electron microscope.



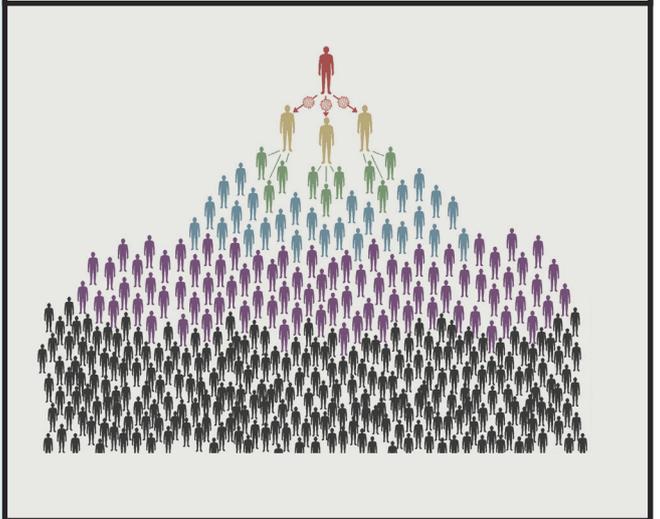
People can catch the coronavirus from other people who have the virus. Viruses usually spread from person to person through droplets that are produced when an infected person sneezes or coughs. A person can also become infected by touching a surface or object that has the virus on it, then touching their own mouth, nose or eyes.



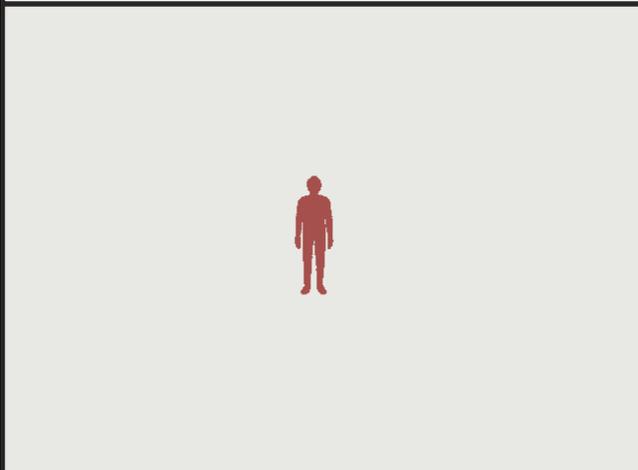
The **reproduction number** of a virus tells us how many people an infected person is likely to go on to infect. For the coronavirus, every infected person goes on to infect between 1.5 and 3.5 people. We will use a reproduction number of 3.



364 people were infected in this model. Each of these 364 people could go on to infect three more people.



If this original person had stayed in isolation, there would have been 363 less people infected with the virus.



Social distancing means staying at home and avoiding interactions with other people as much as possible.

You won't be able to visit grandparents or other elderly friends or relatives, anyone who has existing medical conditions or anyone who is pregnant.

This is because these groups of people can become seriously ill if they become infected.

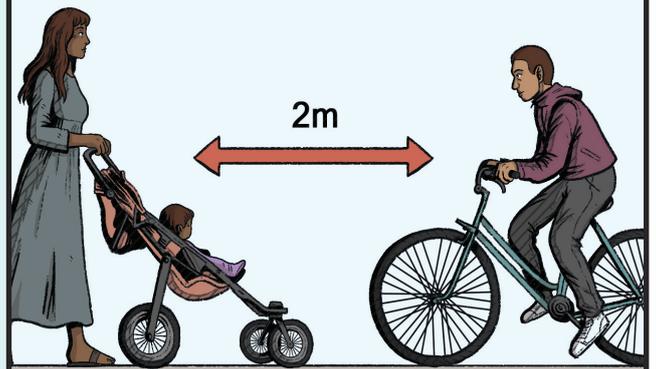


You can keep in touch via the phone, video calls or social media instead

You won't be able to go to the park or meet friends.

You won't be able to go swimming or to sports clubs or organised events like park runs.

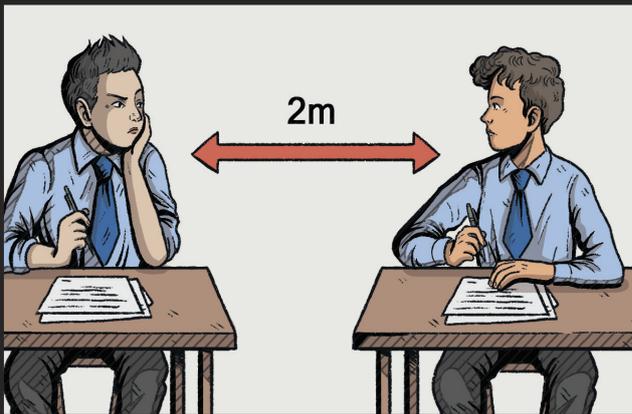
Sporting events such as football matches will be cancelled.



You can go out once a day for some exercise with the people that live in your house.

If one or both of your parents are needed in their place of work, you may still need to go to school.

At school, you might see different adults each day. All of the people in school are there to help you and you can speak to them if you are worried.



You will observe social distancing rules in school too.

Shops are only open if they sell food or medicines. Lots of other businesses have sent their staff home.

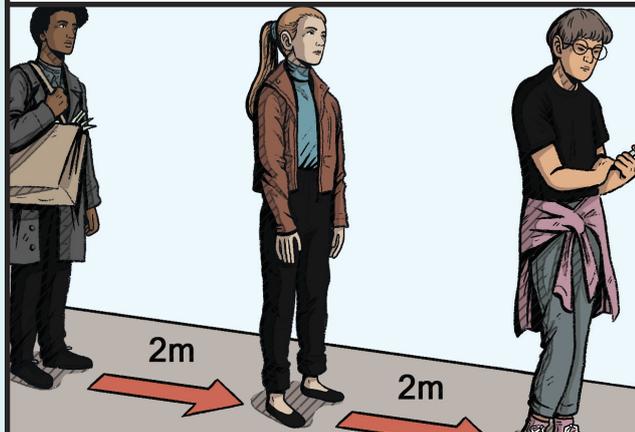
You might have parents who are working from home even if they don't usually do so. They might find this change difficult too.



It might take a little while for you all to settle in to your new routine.

You might have to wait for other people to leave a shop before you can go in.

You might be asked to clean baskets or trolleys before you use them. This will help to prevent you picking up the virus from these surfaces.



There might be markings near the tills to help people stand 2m from each other while they queue.