

Demonstration of herd immunity using the learning group as an example

Step 1:

One student gets a card with the word 'ILL' written on it, all the other students get a card with 'NOT VACCINATED' written on it.

Discuss with the students whether the pathogens can now multiply and spread, and allow the students to demonstrate this for example by tagging other students within reach (without standing up and walking around). Anyone who is tagged gets infected and becomes ill.

Step 2:

One student gets the 'ILL' card, some get the 'NOT VACCINATED' card, while all the others get the 'VACCINATED' card.

The new demonstration of the spread of the pathogen shows how non-vaccinated people can easily become infected.

Step 3:

Almost everybody has the 'VACCINATED' card, one person remains 'NOT VACCINATED', and one person has the 'ILL' card (it is important that the latter two do not sit within reach of each other).

This demonstration of the spread of the pathogen shows that the person who is not vaccinated remains healthy because the pathogen cannot spread. However, this is only possible because almost all the other people are vaccinated.

<p>ILL</p> <p>(You carry the pathogen of the disease inside of you.)</p>	<p>ILL</p> <p>(You carry the pathogen of the disease inside of you.)</p>	<p>ILL</p> <p>(You carry the pathogen of the disease inside of you.)</p>
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<p>NOT VACCINATED (You can catch the disease and become ill.)</p>	<p>NOT VACCINATED (You can catch the disease and become ill.)</p>	<p>NOT VACCINATED (You can catch the disease and become ill.)</p>
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VACCINATED (You cannot catch the disease and you remain healthy.)	VACCINATED (You cannot catch the disease and you remain healthy.)	VACCINATED (You cannot catch the disease and you remain healthy.)
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