

Vaccines Game



Health Vaccines Disease Prevention Medicine

Science Film Festival Films



Learning Goals

- To learn about different types of vaccines.
- To understand how various diseases can be prevented by using the right vaccine.

Explanation of Scientific Principles

Nobody likes getting a shot. But shots called vaccines keep you from getting some serious diseases. These diseases could make you very sick. Shots protect you by giving you only a tiny piece of a disease-causing germ or by giving you a version of the germ that is dead or very weak. Giving a whole germ that's alive would give you a disease (like measles or chickenpox). But giving only this tiny, weakened, or dead part of the germ does not give you the disease. Instead, just the opposite happens. Your body responds to the vaccine by making antibodies. These antibodies are part of your immune system, and they can fight the disease if you ever come in contact with that nasty germ. When your body is protected from a disease in this way, it's called being immune to an illness.

Explanation of Connection to the Film

In the film we, learn about different types of vaccines and how these vaccines can prevent certain diseases through a hip-hop song. This activity further explores the role of vaccines and their role in keeping us healthy.

Materials

- Two groups consisting of six persons each
- One person in the role a doctor

1

Group A faces off with Group B.

2

The doctor stands in the middle between Group A and B.

3

The facilitator will give scientific information and clues to the doctor.

4

Group Vaccine has to find and guess, which one of the symptoms that they can prevent.

5

Once Group Vaccine and Group Disease identify each other, they give the report to the doctor. The correctly matched group will get 1 point.

6

Duration time for each is 2 -3 minutes

7

When the two groups find their matched vaccines and diseases, that's the winner.

→ www.cdc.gov/vaccines/terms/usvaccines.html

→ www.cdc.gov/vaccines/vpd/vaccines-list.html

→ www.cdc.gov/vaccines/pubs/pinkbook/downloads/prinvac.pdf

Preparation

- 1 Divide the two Groups to Group A and Group B.
- 2 Divide Group A again into two teams: Team Vaccine and Team Disease. Same with Group B. Each is a three-person team and name them based on the vaccines and diseases.
- 3 Team Disease has to act how to present the symptoms.