

Rosary School / Marj El Hamam
Science Worksheet (2.C)



Name: Answer key

Grade 3 ()

Date : _____

Vaccines

1. Why do we need **vaccines**? Check the correct answer.

- ☐ to prevent an injury from playing sports
- ☒ to prevent us from getting sick by giving immunity
- ☐ to treat illnesses

2. Ali is going to the doctor for a vaccine against COVID-19.

How can the vaccine help him?

The vaccine will help protect him against COVID-19 virus, because the vaccine provides immunity against that virus and prevents him from getting the COVID-19 virus. It also helps stop the disease from spreading.

3. What is the difference between a pandemic and an epidemic?

An epidemic is a spread of a disease that affects a large number of people in a community, while a pandemic is the spread of the disease to the whole world.

4. Predict what might happen to Peter if he eats a fish that carries a disease.

He will get sick.

How can he prevent that from happening? We can prevent the spread of a disease to other fish or to humans by vaccinating the fish, which keeps them healthy and reduces the risk of an outbreak.

5. Answer with true or false.

- Vaccines protect our body from diseases. (true)
- Vaccines are only given as injections. (false)
- Our body can always protect us from germs. (false)
- A vaccine can give our body immunity to fight
off the virus that makes us sick. (true)

6. Match.

Vaccine	the ability of a body to defend itself from an infectious disease
pandemic	substances that can protect people and animal from diseases caused by a virus
immunity	the worldwide spread of a disease

7. Fill in the blanks.

outbreak: the rapid spread of a disease

infectious: capable of being passed to others by germs that enter the body

disease : a condition that causes harm to the health of a person, animal, or plant; illness; sickness

predict : to state what will happen in the future

microscope : an instrument used to observe very small object

epidemic : the spread of a disease that affects a large number of people within a community

medicines : substances used to treat diseases, injuries, pain, or other symptoms

pandemic : the worldwide spread of a disease

non-infectious : cannot spread from one person to another

dot plot : a chart that uses dots to show information

vaccines : substances used to protect people and animals from certain diseases

germs : tiny organisms that can cause disease or infection

immunity : the ability of the body to defend itself from an infection disease