

Name \_\_\_\_\_

## Guardians of Health: Unveiling the Magic of Vaccines

### Open-Ended Response Answer Key

1. Vaccines help the immune system prepare for future encounters with viruses by exposing it to a harmless version of the virus, allowing it to practice and build defenses against the real virus.
2. Vaccines contribute to the concept of herd immunity by reducing the spread of diseases within a community, thereby protecting unvaccinated individuals.
3. Some potential benefits of achieving high vaccination rates in a community include reduced illness and death from preventable diseases, lower healthcare costs, and improved overall public health.
4. Individuals can contribute to achieving herd immunity by getting vaccinated themselves and encouraging others to do the same, as well as supporting policies and programs that promote vaccination.

