

## 3.2 Public Health Strategies to Prevent Disease



### Across

1. \_\_\_\_\_ Virus (HIV) is a virus that attacks a person's immune system.
4. Edward \_\_\_\_\_, a British country doctor, developed the smallpox vaccine.
5. Some public health strategies involve \_\_\_\_\_ to make the public aware of ways to practise healthy lifestyles when outside.
6. Scientists around the world are currently working to develop an \_\_\_\_\_ vaccine to address the global problem of HIV/AIDS.
9. A connection between human \_\_\_\_\_ (HPV) infections and cervical cancer has led to the development of an HPV vaccine.
10. The old saying "An ounce of prevention is worth a pound of cure" drives many of the initiatives of public \_\_\_\_\_ strategies.

### Down

2. Measles, mumps and rubella (\_\_\_\_\_) are infectious diseases that can have serious complications including mental retardation, sterility and deafness.
3. The most common vaccine given each year is the \_\_\_\_\_ vaccine.
5. Many of the chemicals in cigarette smoke have been proven to cause cancer and are called \_\_\_\_\_.
7. \_\_\_\_\_ involves making a person immune to infection through vaccination.
8. The Sun produces vast quantities of energy; much of this energy is \_\_\_\_\_ (UV) radiation, which is classified as a carcinogen because it can cause skin cancer.

## Across

11. A vaccine is a substance that is given to boost your body's defense system, which is called your \_\_\_\_\_ system.
13. Immunization of children for several diseases occurs at several points in their development. Even adults require \_\_\_\_\_ shots.
14. The MMR vaccine provides protection against \_\_\_\_\_, mumps and rubella.
15. The \_\_\_\_\_ virus is spread by mosquitoes and can affect birds, humans, horses and other animals.
16. \_\_\_\_\_ smoke contains more than 1000 chemicals — one-fifth of those are toxins.
17. Some parents have chosen not to vaccinate their children because of the suspicion that the vaccine causes \_\_\_\_\_.
18. \_\_\_\_\_ are also called immunizations, needles or shots.
19. Tests have been developed that can indicate if an individual may have a series of \_\_\_\_\_ that are related to diseases such as heart disease and types of cancers. This is known as DNA screening.

## Down

9. As of May 2006, smoking has been \_\_\_\_\_ in all workplaces and enclosed public places.
12. \_\_\_\_\_ programs apply a relatively simple, inexpensive test to a large number of people to identify those people who have risk factors for cancer.
17. The most advanced stage of HIV infection is referred to as Acquired Immunodeficiency Syndrome (\_\_\_\_\_).