

Worksheet: TYPES OF INFLUENZA

Part 1

Vocabulary

Watch the video [here](#)

Make a note of each term and mark the stressed syllables.

influenza	to be immune
flu	immunity
bird flu	pandemic
swine flu	virus strain
common cold	virus subtype
contagious	surface protein
epidemic	viral infection
to mutate	vaccine-preventable
mutation	

Part 2

Quizlet: Influenza terms

Try out the flashcards [here](#)

Make a note of any terms you don't know. Try some of the other activities as well (Match, Blast and Checkpoint).

Part 3

Reading: Types of influenza

Influenza, commonly called flu, is a (1) _____ viral infection that causes a respiratory illness similar to the common cold, in that it affects the nose, throat and sometimes the lungs.

There are four types of influenza viruses:

- influenza type A
- influenza type B
- influenza C
- influenza D

Influenza A

Most people who have the flu are infected with the influenza type A virus. Influenza A causes seasonal flu (2) _____ around the world almost every year and can infect humans and animals. It is the only (3) _____ type that can cause a (4) _____. Pandemics can occur when a new and different influenza A virus infects people and spreads among people who have little or no (5) _____ against the virus.

Influenza A viruses are divided into (6) _____: parts of a general group. These are based on two surface proteins called hemagglutinin and neuraminidase. Subtypes are further divided into (7) _____: particular types or qualities.

Influenza B is similar to influenza A, although it only passes from human to human. It causes around 20% of seasonal epidemics. There are two known lineages of influenza B: Victoria and Yamagata, both with different surface (8) _____. Influenza B affects children many more children than adults with the infection more severe in children than adults.

Influenza C

Influenza C virus infections generally only affects humans and causes mild respiratory illness which can be. Influenza C is not thought to cause human epidemics.

Most people who contract influenza C will experience symptoms similar to those of a (9) _____, however influenza C can become serious in young children, elderly people and people who are immunocompromised.

In 2011, the influenza D virus was identified in pigs and cattle and has been reported in several countries since then. Influenza D has not shown an ability to transmit from animal to human, although this may be possible.

What about other types of flu?

The avian influenza virus causes (10) _____. Birds can be infected by influenza A viruses and their subtypes but can't carry type B or C influenza viruses. There are three main avian flu subtypes, including H5, H7, and H9. The subtypes H5 and H7 can sometimes spread to humans, but it rarely ever spreads from one person to another.

H1N1 flu, also called (11) _____, is a type of influenza A virus that is common throughout pig populations worldwide. A swine flu pandemic started in the US in April 2009 and ended in August 2020. Since then it appears as one of the seasonal flu viruses.

Answers

Part 1: Vocabulary

influenza

flu

bird flu

swine flu

common cold

contagious

epidemic

to **mutate**

mutation

to be **immune**

immunity

pandemic

virus strain

virus subtype

surface protein

viral **infection**

vaccine-preventable

Part 3: Reading

1. contagious, 2. epidemics, 3. flu, 4. pandemic, 5. immunity, 6. subtypes, 7. strains, 8. proteins, 9. common cold, 10. bird flu, 11. swine flu