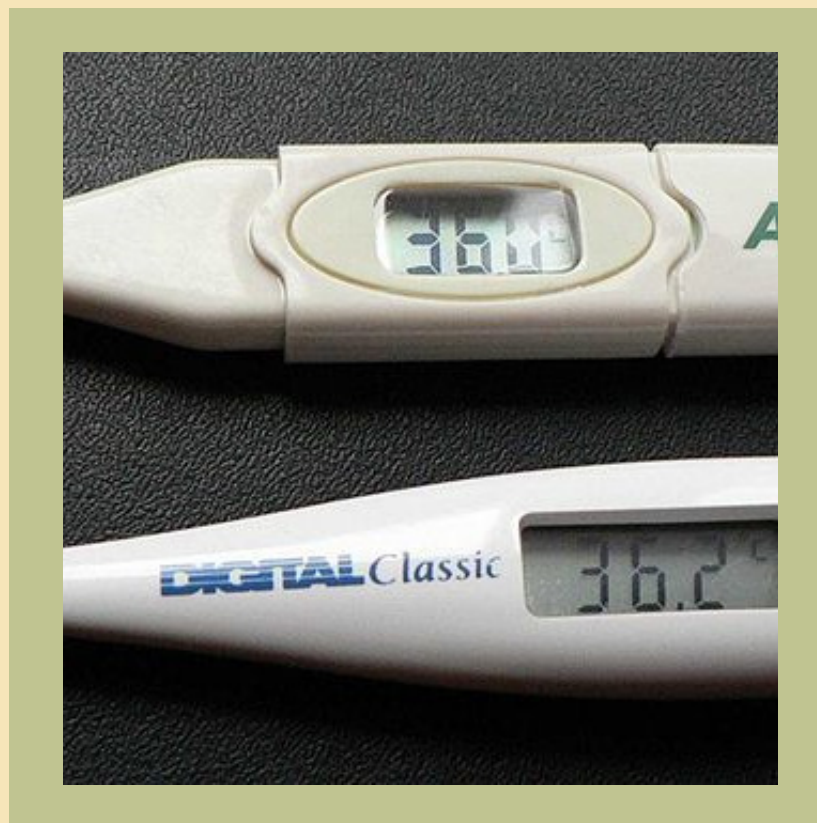


Flu Transmission

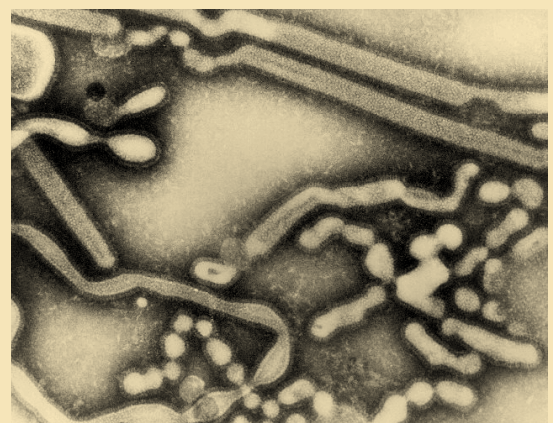


Flu Transmission

**Do you need an idea for a scientific study?
Try out one of our ideas or make one of your own.**

Start learning right now about how you can protect yourself and your classmates from an outbreak of influenza. Take the following brief quiz to see how much you already know about the flu. See the bottom of page 4 to check your answers.

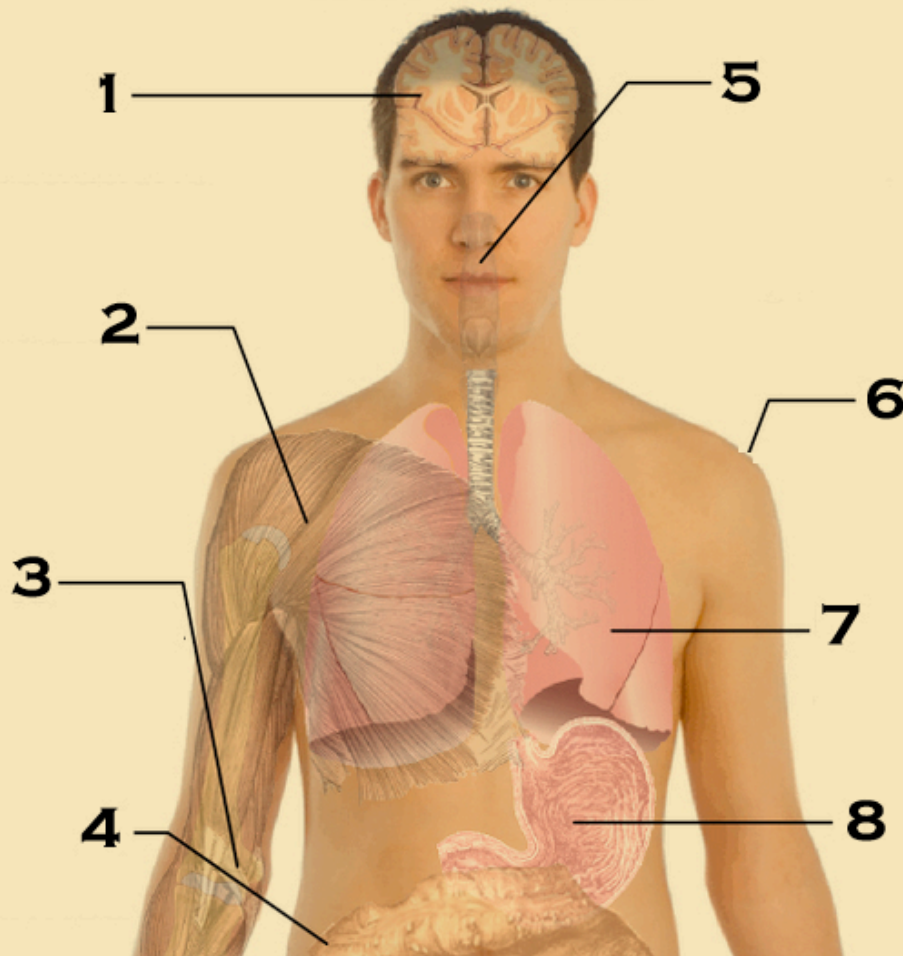
1. About how many days before symptoms appear can a person with influenza infect other people?
 - a. 1 day
 - b. 4 days
 - c. 7 days
 - d. 10 days
2. The seasonal influenza vaccine protects against how many different influenza viruses?
 - a. 1
 - b. 3
 - c. 5
 - d. 7
3. People with severe allergic reactions to chicken eggs should not be vaccinated for the seasonal flu.
 - a. true
 - b. false
4. About 50% of people who are infected with the influenza virus show no symptoms of the illness.
 - a. true
 - b. false
5. Taking the influenza vaccine can cause the person receiving the vaccine to contract influenza.
 - a. true
 - b. false



Influenza Symptom Matching

Match the location of a given influenza symptom with the body system or structure from the list below.

Symptoms of Influenza



a. Central Nervous	e. Muscular
b. Gastric	f. Nasopharynx
c. Intestinal	g. Respiratory
d. Joints	h. Systemic

Please visit our site for more helpful information:
STEMsims.com

Flu Transmission

Too Much Teacher Attention?

The image to the right shows what can happen when a flu epidemic hits a local area. The photograph is of a real school in Sweden that had the majority of their students stay home sick with the flu.



Influenza infections have a number of common symptoms that may appear in the various systems and structures of the human body. Although many people do not show any symptoms of the illness, awareness of the common indicators of the flu can help you avoid infecting others if you become sick. Remember that a person who does not show any symptoms of the illness can still be contagious. A person is most likely to spread the flu to others from one day before he/she shows symptoms until five or six days after the symptoms appear. The table below presents some of the different symptoms and the body system or structure they are associated with.

Symptom	Associated Body System or Structure
aches	joints
coughing	respiratory
diarrhea	intestinal
extreme tiredness	muscular
fever	systemic
headache	central nervous
runny nose/sore throat	nasopharynx
vomiting	gastric

Answers: Page 2 Answers: 1) a. 2) b. 3) a. 4) a. about 50% of the people infected with the flu show no symptoms, yet they are still contagious. 5) b. **Page 4 Answers:** Influenza Symptom Matching Answers: 1) a. 2) e. 3) d. 4) c. 5) f. 6) h. 7) g. 8) b.

The Science Fair Kits project was funded in part under the Department of Homeland Security Science and Technology Directorate grant contract #N10PC20003. Its contents are solely the responsibilities of the authors and do not necessarily represent the official views of the Department of Homeland Security.

© 2024 STEM Sims. All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable, and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent or other industrial or intellectual property rights.