

Fighting Disease ▪ *Guided Reading and Study***Infectious Disease**

This section explains what kinds of organisms cause infectious disease and how infectious diseases are spread.

Use Target Reading Skills

Before you read, look at the section headings and visuals to see what this section is about. Then write what you know about infectious diseases in a graphic organizer like the one below. As you read, continue to write in what you learn.

What You Know
1.
2.
3.

What You Learned
1.
2.
3.

Understanding Infectious Disease

1. Organisms that cause disease are called _____.
2. What is an infectious disease? _____

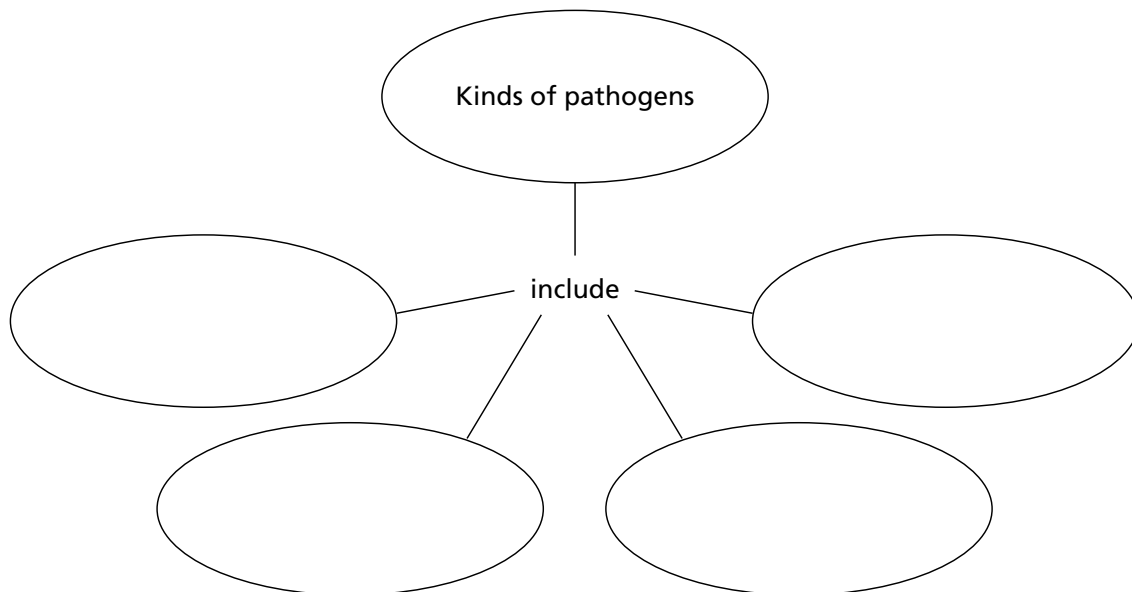
3. Is the following sentence true or false? Pathogens make you sick by damaging individual cells. _____

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Infectious Disease *(continued)*

Kinds of Pathogens

4. Circle the letter of each sentence that is true about infectious disease.
 - a. People always knew that organisms could cause disease.
 - b. People once thought evil spirits or swamp air made people sick.
 - c. Louis Pasteur showed that killing microorganisms could stop the spread of disease.
 - d. Each infectious disease is caused by many different pathogens.
5. Is the following sentence true or false? Most diseases are caused by pathogens that are very large. _____
6. Complete the concept map to show the different kinds of pathogens.



7. In what two ways do bacteria cause disease?
 - a. _____
 - b. _____
8. How do viruses cause disease?

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9. Circle the letter of the kind of pathogen that causes malaria.

- a. bacteria
- b. viruses
- c. fungi
- d. protists

How Pathogens Are Spread

10. List four sources of pathogens.

- a. _____ b. _____
- c. _____ d. _____

11. Circle each sentence that is true about how diseases are spread.

- a. People cannot get pathogens by drinking water.
- b. People can get pathogens by using a towel that was handled by an infected person.
- c. Animals cannot spread pathogens to people.
- d. Some pathogens live in soil or water.