

## 4<sup>th</sup>-Disease Prevention/Health Promotion

### Learning Objectives

I can describe causes of communicable disease (i.e., how viruses, bacteria, parasites, and fungi are spread (SOL4.1f).

4.1 The student will explain how nutrition and other health-enhancing behaviors affect personal health and academic achievement.

### Teacher Notes

- ❖ Infectious Visual Posters [Posters 4th grade.docx](#)
- ❖ Vocabulary Wall (Virus, Bacteria, Parasites, Fungi, Infectious, Disease)
- ❖ Videos (Virus and Bacteria) <https://www.youtube.com/watch?v=MaAmNE9oesA>

### Lesson Steps

*Step 1 (Engage learners/access prior knowledge)*

- ❖ Discussion- What are germs? How can you get germs? Can someone with a cold pass on those germs to you? And how?

*Step 2 (New information – direct instruction/teacher-facilitated learning)*

- ❖ Explain to students that infectious diseases are disorders caused by organisms — such as bacteria, viruses, fungi or parasites. Tell them that many organisms live in and on our bodies. They are normally harmless or can even be helpful. But under certain conditions, some organisms may cause disease.
- ❖ Explain to students that some infectious diseases can be passed from person to person. Some are transmitted by insects or other animals. You may obtain infections by consuming contaminated food or water or being exposed to organisms in the environment.
- ❖ Tell students that many infectious diseases, such as measles and chickenpox, can be prevented by vaccines. Frequent and thorough hand-washing also helps protect you from most infectious diseases.
- ❖ Use Power Point Presentations lesson to help students understand more about these diseases.

[Disease Prevention ppt.pptx](#)

*Step 3 (Application – how student will apply/practice new learning)*

- ❖ Students work individual to apply new learning on activity [Work Activity 4th grade.docx](#).

### Assessments

Quiz



**Circle the correct answer to identify if the statement is True or False.**

1. Disease cannot be treated. (a) T (b) F
2. Handwashing can help prevent the spread of disease. (a) T (b) F
3. Diseases can cause only come from a bacteria and virus. (a) T (b) F
4. All diseases can be spread from one person to another. (a) T (b) F
5. You cannot get a disease from playing with your animal. (a) T (b) F

### **Extensions/Connections**

Communicable disease safety video- <https://www.youtube.com/watch?v=Q7ftGPYVeMk>

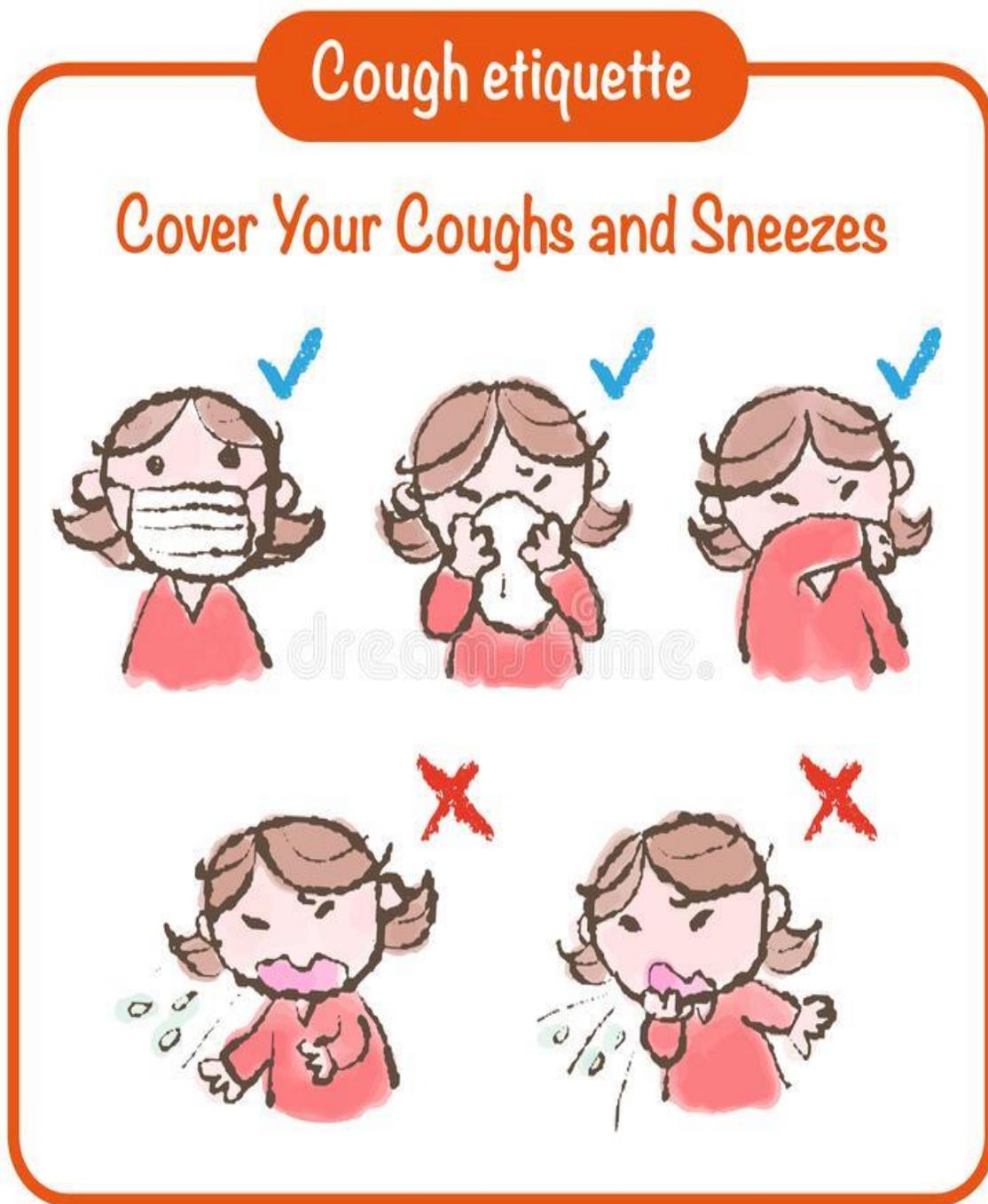
### **Resources/References**

Infectious disease- <https://www.mayoclinic.org/diseases-conditions/infectious-diseases/symptoms-causes/syc-20351173>

### **Handout**

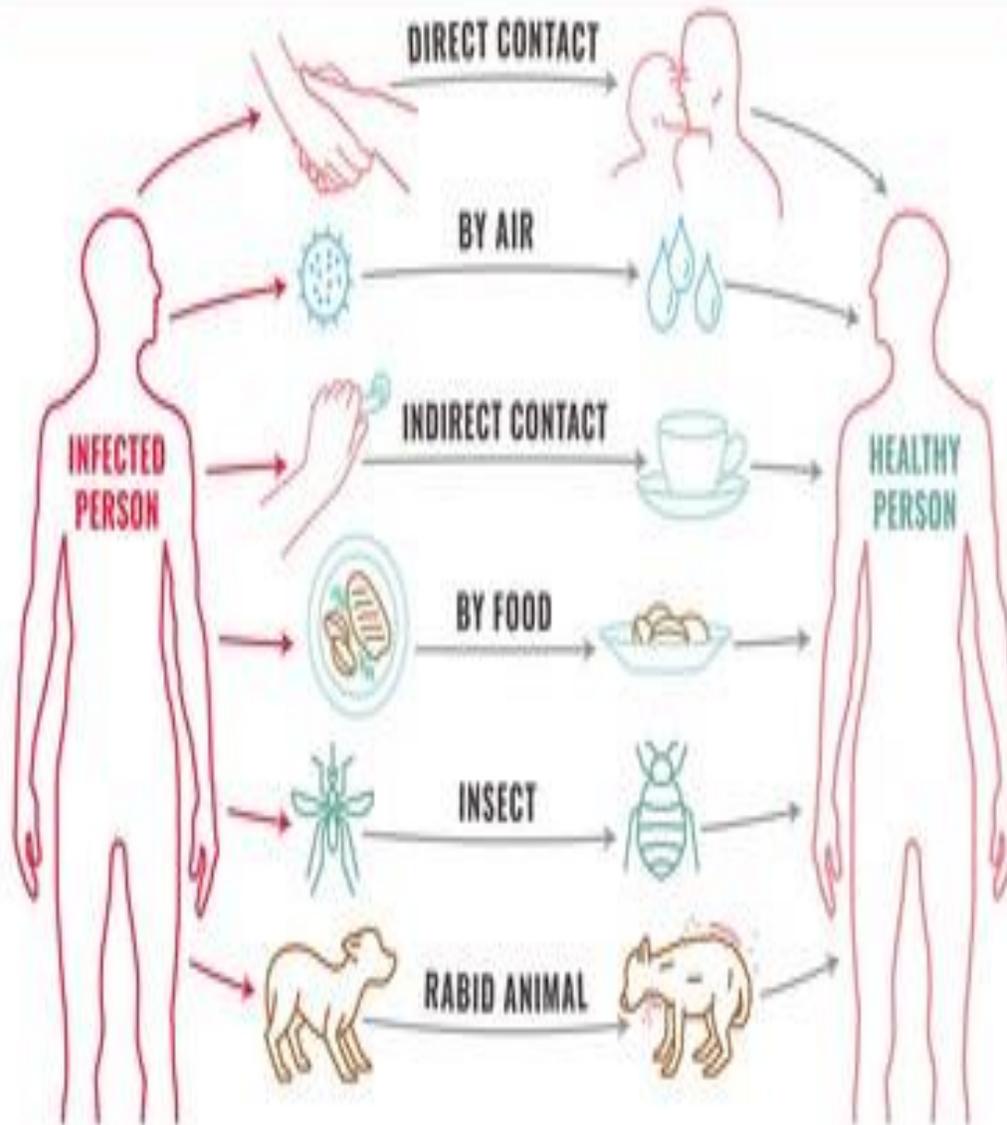
See next page(s) for any handout(s). Design for print and/or providing electronically.

Posters that you can use in the lesson (taken from Free clipart).





# TYPES OF DISEASE TRANSMISSION





## Work Activity

Determine whether each disease is infectious or noninfectious and put an X in the box

Examples	Non-infectious	infectious
Diarrhea that has been going around in school		
Strep throat that has been going around in school		
Flu that you have		
Stay in the sun too long you can get a sun stroke		