

Unit 1: Lesson 2 –The Innate Immune System

Activity 2: How Does the Innate Immune System Work?

Use the scenarios below to consider symptoms that indicate the innate immune system is functioning. Working in small groups, select one of the scenarios and list the symptoms that might occur. Discuss and record possible innate immune system responses. Use the discussion questions when considering your chosen scenario. Record your thoughts on the table.

Scenarios

- A. You are out skateboarding and want to impress your friends by jumping an old park bench. The jump doesn't go so well and you fall. Later that evening, your finger is sore. When you look, you discover that you have a splinter.
- B. You and a group of friends go out to eat after a baseball game where your team won. To celebrate you buy a shake and a Double Blammo Burger from Greaseball's Diner. A couple of hours later, you aren't feeling so good.
- C. You are getting ready for class portraits. When you look in the mirror, you are horrified to see a giant pimple right on your forehead.
- D. You're sitting in class and the kid next to you coughs in your direction without using an arm or hand to cover his mouth. A day later, your throat is sore.

Discussion Questions:

1. What symptoms indicate that your body is fighting a potential infection?
2. For each symptom, describe what part of the innate immune system contributes to the symptom.
3. What are the effects or results of each innate immune response?

Scenario: _____

Q1. Symptoms	Q2. Innate system contributing to symptom	Q3. Effect of innate immune responses