

Microbes: Our Best Frenemies

Name

Date

Part A: Helpful Microbes

Directions: Use the table below to take notes on the article you read about microbes and a particular body system. Be prepared to share with others! Use what your classmates share with you to finish the table for the other body systems.

Armpits Are “Rain Forests” for Bacteria

Body System(s):

Types of Microbe(s):

How do the microbes help the body system?

Other interesting ideas from the article:

Feeling Anxious? Eat a Pickle

Body System(s):

Types of Microbe(s):

How do the microbes help the body system?

Other interesting ideas from the article:

What's Up With the Bacteria In Your Gut?

Body System(s):

Types of Microbe(s):

How do the microbes help the body system?

Other interesting ideas from the article:

Antibiotic Found in Noses—Here's What You Need to Know

Body System(s):

Types of Microbe(s):

How do the microbes help the body system?

Other interesting ideas from the article:

Part B: Harmful Microbes

Directions: Use the first three columns in the table below to take notes on the part of the [Infectious Agents](#) infographic where you read about a particular type of infectious microbe. Be prepared to share with others! Use what your classmates share with you to finish the table for the other microbe types.

Type of Microbe	Domain & Kingdom	Level and Body System(s) Affected by Microbe	How the Immune System Can Help

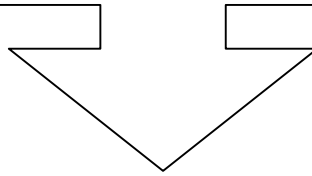
After you watch the videos about the immune system, use the flowchart arrows to track how the immune system helps protect us from infection. Then go back to the table to add your ideas to the fourth column (*How the Immune System Can Help*).

First Line of Defense:

Name:

Level: (circle one) Organ Tissue Cell

How it Helps Fight Off Infection:

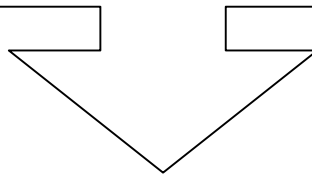


Second Line of Defense:

Name:

Level: (circle one) Organ Tissue Cell

How it Helps Fight Off Infection:

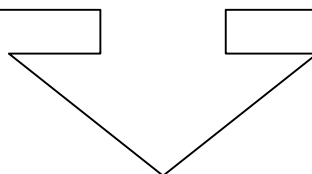


Third Line of Defense:

Name:

Level: (circle one) Organ Tissue Cell

How it Helps Fight Off Infection:



Part C: Complications with Microbe Eradication

Disease / Condition:

Body System Affected:

Role of Microbes:

Importance Ranking for Eradication (circle one):

Critical Important Debatable Unimportant

We chose this ranking because...

Disease / Condition:

Body System Affected:

Role of Microbes:

Importance Ranking for Eradication (circle one):

Critical Important Debatable Unimportant

We chose this ranking because...

Disease / Condition:

Body System Affected:

Role of Microbes:

Importance Ranking for Eradication (circle one):

Critical Important Debatable Unimportant

We chose this ranking because...