

TEKS

- 10A** Describe the interactions that occur among systems that perform the functions of regulation, nutrient absorption, reproduction, and defense from injury or illness in animals
- 10C** Analyze the levels of organization in biological systems and relate the levels to each other and to the whole system
- 11A** Describe the role of internal feedback mechanisms in the maintenance of homeostasis
- 11B** Investigate and analyze how organisms, populations, and communities respond to external factors
- 11C** Summarize the role of microorganisms in both maintaining and disrupting the health of both organisms and ecosystems

instructional content:

- ✦ Function of Immune System
- ✦ Types of Pathogens
- ✦ Nonspecific Defense
 - First Line
 - Second Line
- ✦ Specific Defense
 - Immune Responses
- ✦ Types of Immunity
 - Passive
 - Active

learning outcomes students will:

- Use all content and scientific process skills learned earlier in the course
- Define pathogen
- Identify four different types of pathogens
- Describe how pathogens enter the body
- Differentiate between nonspecific and specific defenses
- Explain how mucous membranes and skin protect the body from pathogens
- Explain how inflammation and fevers help the body fight infections
- Describe how white blood cells help fight infections
- Define antigen
- Compare the roles of B cells and T cells in the immune response
- Differentiate between passive and active immunity



Incorporate scientific process skills during the instruction of all Biology concepts.
Look for this icon at wardsci.com/TEKS for more information on scientific process skills.

Recommended Ward's Science products with item numbers for easy online searching: _____

instructional resources:

Ward's Simulated Disease Transmission Lab Activity **366038**