

Immune System and Diseases Unit Organizer

6th Grade Crisafulli /Huey /Jordan

Previous Unit

Circulatory and Lymphatic System

Next Unit

Oceans

Integrated Units

Circulatory and Lymphatic System

Core Knowledge Content (Knowledge)

A. Immune system fights infections from bacteria, viruses, and fungi.

White cells, antibodies and antigens

Vaccines, communicable and non-communicable diseases, epidemics

Bacterial diseases: tetanus, typhoid, tuberculosis; antibiotics

Viral Diseases, common cold, chicken pox, mononucleosis, rabies, polio and
AIDS

State and District Guidelines (Patterns)

6.6.G Recognize that patterns exist within and across systems

Standards for Achievement and Performance (Mental Mapping)

Students will -

identify the body's first line of defense against pathogens

identify the routes pathogens take to enter the body

describe how cells in the immune system attack and destroy pathogens

identify the relationship between antibodies and antigens

identify that bacteria are living organisms each made up of a single
cell

describe three major types of bacteria

identify that fungi are plants that can be either harmless or harmful to
man

explain the difference between communicable and noncommunicable
diseases

describe how communicable diseases are spread

identify causes of noncommunicable diseases

explain how a vaccine works

identify Alexander Fleming as the first to discover penicillin as an
antibiotic

identify diseases transmitted by insect and animal bites

identify the importance of finding the source of a disease

describe how the HIV virus affects the immune system

Types of Assessments (Creativity)

Students will take a variety of quizzes over the content covered.

Students will demonstrate their understanding of the content through experiments and will record findings in an experiment log.

Students will review the content covered in a game of Jeopardy

Students will take a final exam