



Grade 4 - Body Systems

Unit 1

SOLs:

- 4.1.A Identify the major structures and functions of the immune system.
- 4.1.J Describe how viruses, bacteria, parasites, and fungi are spread.
- 4.1.K Compare and contrast communicable and noncommunicable diseases.
- 4.2.A Describe how the immune system defends against germs.
- 4.3.A Identify ways to boost the immune system to reduce risk of communicable or noncommunicable disease

Title: The Immune System

Objectives/ Goals: Students will be able to identify the major structures and functions of the immune system.

Materials:

- Internet access

Procedure:

- Have students visit the KidsHealth.org site - *How the Body Works*: to:
 1. read article *Your Immune System* (<http://kidshealth.org/en/kids/immune.html>) ;
 2. watch the movie *How The Immune System Works* (<http://kidshealth.org/en/kids/ismovie.html>) ;
 3. take the Immune Cells Quiz at <http://kidshealth.org/en/kids/isquiz.html> and
 4. complete the *Cells That Keep You Well* matching activity at <http://kidshealth.org/en/kids/bfs-isactivity.html>.
- Engage in the discussion and activities outline in the KidsHealth.org Teacher’s Guide on the Immune System
<http://classroom.kidshealth.org/classroom/3to5/body/systems/immune.pdf>

- Visit the Scholastic Study Jams! site on the Immune System
<http://studyjams.scholastic.com/studyjams/jams/science/human-body/immune-system.htm>

Assessment Ideas:

- Evaluate student participation in activities and responses to quizzes and worksheets.

References:

- KidsHealth.org <http://kidshealth.org>
- Kids Health How the Body Works YouTube Video Series
<https://www.youtube.com/playlist?list=PLRmb5AxU-JXgajvrrcozhkhMeSWa0XI0Z>
- Scholastic Study Jams!
<http://studyjams.scholastic.com/studyjams/jams/science/human-body>