Unit 1-4C Health Conditions, Diseases, and Medicines

Content Area: **P.E. & Health**
Course(s): **Health 6**
Time Period: **MP1-4**
Length: **3 Days**
Status: **Published**

Essential Questions

- How can one prevent diseases when handling, storing, or disposing of food?
- How does the immune system fight disease?
- What factors promote health-enhancing behaviors?

Big Ideas

- Diseases can be contracted from a variety of sources and choices individuals make may contribute to or prevent a person from being susceptible to a disease or health condition.
- The degree to which an individual is impacted by a health condition or disease can be affected by their immune system and treatment strategies.

Lyme Disease Prevention (N.J.S.A. 18A:35-5.1) and Climate Change

2.1.8.CHSS.7: Collaborate with other students to develop a strategy to address health issues related to climate change.

Objective: Students will develop an understanding about different types of ticks, where they live and the diseases they cause such as lyme disease.

Activity: Students participate in a slide presentation/discussion and watch a video.Students may be able to collaborate and develop a strategy to address health issues related to climate change, with a focus on the effects of climate change on Lyme disease.
Students can be assessed by creating and presenting a group advocacy campaign that outlines a strategy to address the increasing prevalence of Lyme disease due to climate change. The campaign will include: (1) A visual presentation (poster or digital slideshow) (2) A written action plan (3) A 3-5 minute oral presentation

Enduring Understandings

2.3.8.HCDM.1: Justify how the use of universal precautions, sanitation and waste disposal, proper food handling and storage, and environmental controls can prevent diseases and health conditions.

2.3.8.HCDM.2: Determine the role of genetics in being susceptible to disease and health conditions and identify the types of behavior that might reduce the risk factors.

2.3.8.HCDM.3: Describe behaviors which may contribute to or prevent a person from being susceptible to disease and illness (e.g., cardiovascular, stroke, hepatitis, sexually transmitted infections (STIs), HIV/AIDS, breast cancer, HPV, testicular cancer).

2.3.8.HCDM.6: Explain how the immune system fights disease.

2.3.8.HCDM.7: Explain how certain methods of disease prevention, treatment strategies, and appropriate medicine use promote health-enhancing behaviors.

Climate Change

2.1.8.CHSS.7: Collaborate with other students to develop a strategy to address health issues related to climate change.

- Activity: Collaborate and develop a strategy to address health issues related to climate change, with a focus on the effects of climate change on Lyme disease.Students can be assessed by creating and presenting a group advocacy campaign that outlines a strategy to address the increasing prevalence of Lyme disease due to climate change. The campaign will include: (1) A visual presentation (poster or digital slideshow) (2) A written action plan (3) A 3-5 minute oral presentation

Resources

- https://classroom.kidshealth.org/classroom/6to8/body/systems/immune_system.pdf
- https://www.youtube.com/watch?v=moj9KQ-oizA
- https://kidshealth.org/en/kids/safe-in-kitchen.html#catsafebasics
- NJ State Department of Health for Communicable Disease tick presentation grade 6

- tick maze grade 6