

Health

4.PCH.1.2

Recognize methods that prevent the spread of germs that cause communicable diseases.

Materials Needed:

- Appendix 1 – note-taking graphic organizer on germs-a copy for each student
- Computer access for website, “What are germs?”
<http://kidshealth.org/kid/talk/qa/germs.html#>
- Video: “How Germs spread” <https://www.youtube.com/watch?v=YBGsoimPXZg> (2:04)
Cincinnati Children's Hospital
- Colored pencils for drawing a concept map

Focus:

Start class by asking students a few questions: Have you ever been sick? What were your symptoms? Why do you get sick? What makes you sick?

Today we are learning about all kinds of germs and how they spread from one person to another. Let's watch this video which shows what happens if you sneeze into your hand. Show “How Germs Spread,” <https://www.youtube.com/watch?v=YBGsoimPXZg>

Statement of Objectives:

Today we will learn more about germs that make you sick and the methods you should use to prevent the spread of these germs.

Teacher Input:

Give each student a GERM graphic organizer for taking notes and ask them to read page 1 only of the article. Project the website “What are Germs?” The entire class can read and work together or students can work in pairs if computers are available. The kidshealth site will read the article to students if needed. Ask students to write bulleted notes about each kind of germ. After students have finished reading and taking notes ask them to share what they have learned in small groups or as a class.

Part 2 of the lesson focuses on prevention. Before reading page 2, ask students to brainstorm ways they believe you can prevent spreading each of the germs they just read about. Then, read page 2 and discuss.

Students should know the following ways to prevent spreading germs: soap and water-washing your hands, your body and your clothes, keeping wounds covered, sneeze into your elbow, get vaccines/immunizations, eat healthy foods, exercise and get plenty of sleep.

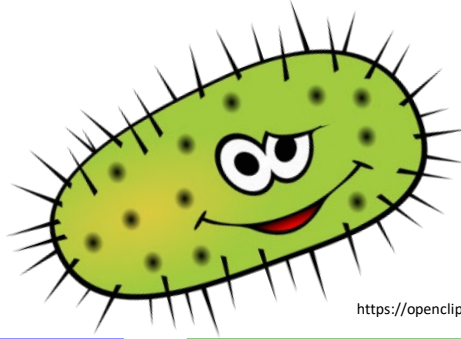
Assessment:

For assessment, ask students to use the back of the note-taking page for drawing a concept map showing all the ways you can prevent spreading germs. A concept map contains pictures and words to explain the information. Students should draw and label each method discussed.

Closure:

Boys and girls, thank you for listening and working so hard today on this lesson. Your notes are excellent, and I can see by your concept maps that you know how to prevent spreading germs. Now, let's practice what we know every day!

Germs!



<https://openclipart.org/detail/162823/funny-green-bacteriaGERMS>

FUNGI

BACTERIA

VIRUSES

PROTOZOA