

Health

4.PCH.1.1

Explain how to prevent or control common childhood illnesses and conditions such as asthma, allergies, diabetes, and epilepsy.

Materials Needed:

- 2 cards per child labeled YES, NO
- List of questions for focus activity and assessment
- Access to computers and website, www.kidshealth.org
- Appendix 1 – Note-Taking Outline
- Poster paper and markers or use PowerPoint, Prezi or Glogster for reporting information

Focus:

Give each student a Yes and No card to answer questions prior to the lesson to assess background knowledge. Use the same questions at the end of the class presentations for assessment.

Sample Questions:

1. Can you catch epilepsy from someone?
2. Can you prevent all types of diabetes?
3. Are allergies inherited from your parents?
4. Do doctors know what causes epilepsy?
5. Can cigarette smoke trigger an asthma attack?
6. Should you try to hold someone having a seizure?
7. Can you ignore asthma symptoms and they will go away?
8. Can kids feel a seizure about to happen?
9. Does diabetes have something to do with how your body uses sugar?
10. Is a seizure like an electrical storm in the brain?
11. Do allergies have something to do with your immune system?
12. Can exercise help with diabetes?
13. Do allergies cause asthma?
14. Is there more than one kind of diabetes?
15. Can kids with asthma play sports?
16. Can kids be allergic to dust?
17. Will medicine help any of these medical conditions?
18. Should you turn a person on their side if they are having a seizure?

Statement of Objectives:

Today we are learning the causes, the symptoms, and the treatment for four common non-communicable diseases or illnesses that affect many children. Non-communicable means you cannot catch these from each other like you can a cold or a stomach virus. Each team will be researching a specific illness and reporting to the class. After all the presentations, you should know the correct answers to the questions I asked earlier.

Teacher Input:

This lesson may require more than one day to complete.

In addition to the Kidshealth.org site, you can find information on:

Asthma at the National Heart, Lung and Blood Institute <http://www.nhlbi.nih.gov>

Diabetes: <http://www.nlm.nih.gov/medlineplus/diabetes.html>

Epilepsy: <http://www.nlm.nih.gov/medlineplus/epilepsy>

Allergies: <http://www.nlm.nih.gov/medlineplus/allergy.html>

Divide students into four groups (one illness per group) and give each child a note-taking graphic organizer. The kidshealth.org site will read the article to the student if needed. Be sure students understand the assignment and provide time to complete the graphic organizer. If time is an issue, then assign one section of the graphic organizer to each student in the group.

Next, group members should combine the information they learned to create a class presentation. Some options include Power Point, Prezi or Glogster or poster paper and markers.


Assessment:

Give each student the Yes/ No cards. You can use the questions from the Focus step to assess knowledge. You may ask each group to contribute 5 new questions to the list. If you would like to make this a competition between groups, teams could discuss the answer before showing the final answer.

Closure:

Students, thank you for working so well in your groups. I enjoyed your presentations, and I believe you have learned many new facts about these four non-communicable diseases. Remember, exercise and eating nutritious foods will help keep us all healthy.

Health Condition or Disease: _____

<p>What is _____?</p>	<p>Causes?</p>
<p>Symptoms?</p> 	<p>Treatment?</p> 