

SAMPLE REPORT FOR YOUR SCIENCE PROJECT

Directions are (in parenthesis) and *italicized*. Do not include the directions in your report.

The actual report is written in this type font.

(HEADING: Include title, your first and last name, and date)

What Are Communicable Diseases?

Report by Mrs. Griffis

January 3, 2012

(VOCABULARY WORDS- found throughout the Lesson or at the back of the book in the glossary)

There are several vocabulary words that will help you understand my report on "What Are Communicable Diseases."

1. **Communicable Disease**- an illness that can spread, usually from person to person
2. **Pathogen**- an agent that causes a communicable disease, such as bacteria, viruses, protists, and fungi
3. **Antibody**-a substance made by certain white blood cells that attaches to a pathogen and makes it harmless
4. **Immunity**- the body's resistance to a disease through the presence of antibodies
5. **Antibiotic**- a medicine that kills bacteria

(WHAT'S THE BIG IDEA? - found on the first page, top left corner of your lesson)

In this lesson you will learn:

- About the causes of communicable diseases
- How communicable diseases spread.
- How the body defends against pathogens
- How communicable diseases be prevented

(IMPORTANCE OF TOPIC: In your own words, tell why it's important to learn about this topic.)

It is important to learn about this topic because it helps people learn how diseases are spread and how they can be prevented and treated.

(LESSON SUMMARY: Use the questions at the end of the lesson, and find the answers to them, to write your report. Be sure to write it in report form rather than as questions and answers. For example, the first question is, "Name three kinds of agents that cause communicable diseases.") Create a new paragraph for each question/answer as I have done below.

There are three kinds of agents that cause communicable diseases. They are bacteria, viruses, fungi, and protists.

One way that a cold can spread from one person to another is when a person with a cold sneezes or coughs droplets that contain cold viruses in the air and another person breathes in the virus. Another way is if a person with a cold covers the sneeze or cough with the hands and does not wash the hands, and shakes hands with someone else. If the second person then fails to wash the hands and touches the nose or mouth, cold viruses may enter.

The body has three lines of defense against pathogens. The first line is skin, mucus, stomach's digestive juice, tears, and saliva. The second line is white blood cells, and the third line is antibodies.

Vaccines prevent communicable diseases by helping the white blood cells to "remember" to make antibodies if the person is exposed to the same kind of pathogen in the future.

(CONCLUSION: Write a concluding paragraph telling what you found the most interesting thing about your lesson)

In conclusion, what interested me the most about this topic is how easy it is to transfer diseases and how easy it is to prevent yourself from diseases. The most important thing to do is to wash your hands often!

SOURCE: Write the source you got your information from as I have shown below; however, change the title and pages.)

Scott Foresman, 2003. *What Are Communicable Diseases?* pp. D40-D47