

COVID-19 RESEARCH PROJECT

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AB PROGRAM OF STUDIES CONNECTION

The COVID-19 research assignment was assigned to students in the Disease and Human Health Unit (Unit C) of the Science 24 curriculum. The assignment relates to the following program of studies outcomes:

Knowledge

- Distinguish between communicable and non-communicable diseases.
- Describe how different communicable diseases are transmitted and how they affect human health.

Performance and Recording

- Select and integrate information from various print and electronic sources.
- Use library and electronic research tools to collect information on a given topic.

Analyzing and Interpreting

- Synthesize information from multiple sources or from complex or lengthy texts, and make inferences based on this information.

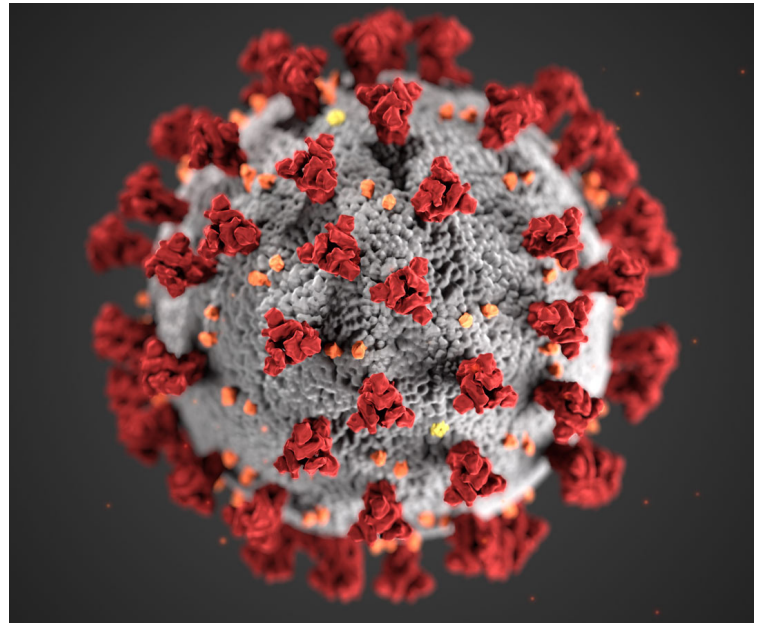
RESEARCH ASSIGNMENT

Students are asked by the City of Edmonton to provide information on COVID-19 to the public. Their assignment needs to include information on the following topics:

- Is COVID-19 a communicable or noncommunicable disease? Explain your answer.
- What type of pathogen is COVID-19 spread by? How is COVID-19 spread? Provide two (2) examples and state if the method of spread is airborne, waterborne or direct contact.
- What are three (3) things humans can do to prevent (stop) the spread of COVID-19?
- Discuss one (1) way that COVID-19 has affected (changed) society.
- Watch one of the provided videos and summarize the information in your own words.

Students are free to present their research as a Google Doc, Google Slides or by creating a poster using Canva.

Students are reminded that information needs to be communicated clearly using public-friendly language.



MARKING GUIDE

Students are assessed using the following marking guide:

- 2 marks for communicable/noncommunicable and WHY.
- 1 mark for the correct type of pathogen.
- 2 marks for 2 different ways COVID-19 is spread.
- 3 marks for 3 different ways humans can prevent the spread of COVID-19.
- 1 mark for 1 way that COVID-19 has affected society.
- 2 marks for online video and summary of information.
- 1 mark for using clear language the public will understand.

Total: 12 marks (x2) = 24 marks

Bonus Marks

- 1 bonus mark for discussing 1 benefit of the COVID-19 vaccine.
- 1 bonus mark for discussing 1 additional way that COVID-19 has affected society.

RESOURCES

The following videos were provided to students to choose and summarize information from:

- [What is a Coronavirus?](#)
- [How Does Coronavirus Spread So Quickly?](#)
- [COVID-19 Everyday Precautions](#)
- [Facts About COVID-19](#)

[Canva](#) is a free online website where students can create posters and much more.