



LESSON PLAN I

Subject: Covid Education

Topic: How does a vaccine work?

Objectives: Students will

- Activate prior knowledge about viruses.
- Use critical thinking skills to identify and connect facts about viruses, immune system & vaccines.
- Demonstrate understanding through creative projects, collaborative activities, and assessments.

Success Criteria:

Students will know they are successful when they are able to explain:

- What is a vaccine?
- What is the immune system?
- How do the two interact?

Standards:

- LAFS.RI.1.1 (1st-5th) Key ideas & details; LAFS.RI.2.4 (1st-5th) Craft & structure; LAFS.RI.3.7 (1st-5th) Integration of knowledge & ideas.
- SC. N 1.1 (1st-5th) The practice of science.

Activities:

- **PRE-TEST**
Have students take the pre-test on the COVIDucation website to measure how much they know about the topic of the vaccines (the pre-test is located at the beginning of the chapter "How does a vaccine work?")
- **INTRODUCTION**
Introduce the main questions of the lesson: What is a vaccine? What is the immune system? How do the two interact?
- **ACTIVATING PRIOR KNOWLEDGE**
Have pairs discuss and then share what they know about viruses.
- **BRAINSTORMING**
Ask students how they think we can fight viruses. Note their ideas on the board.
- **MAKING CONNECTIONS**
Ask students to think about viruses they have heard of. Have the students discuss the symptoms of these viruses and the medicine that could help cure them. Have students

think about and share what humans can do to strengthen their health to prevent getting viruses.

- RESEARCHING

Ask students to explore the chapter of the COVIDucation website called “How does a vaccine work?”. Provide students with a graphic organizer “Two-column notes” to write down key words related to the concepts introduced in this chapter.

- COLLABORATING

- As a whole class, have students discuss the three learning intention questions. Write down the students’ key word ideas on the board organizing them in a form of a mind map.
- In groups, discuss and fill in the answers to the questions related to the chapter learning intentions.

- PRACTICING & CRATING

- Have students practice the concepts they have read about by completing a couple of puzzles and/or coloring pages in the “COVIDucation Activity Book” (pp.1-6) depending on their learning styles.
- Have students form pairs or groups and start working on a campaign promoting the Covid-19 vaccine. The campaign can take a form of a poster, a website, a cartoon etc.

- ASSESSMENT

- Individually or as a whole class, have students play a Kahoot! game to check for mastery of the concepts.

<https://create.kahoot.it/details/2ecd6f8a-126b-41be-80da-71ed3cf234ac>





LESSON PLAN I RESOURCES

Subject: Covid Education

Topic: What is a vaccine?

RESEARCHING

GRAPHIC ORGANIZER: Two-Column Notes

Explore the chapter of the COVIDucation website called “How does a vaccine work?”. As you read/listen to the story, pay special attention to the concepts listed in the column A of the graphic organizer “Two-column notes”. Next, go over the text again and fill out the column B of the graphic organizer to write down some key words related to these concepts.

COLUMN A: CONCEPTS	COLUMN B: KEY WORDS
1. Vaccine	
2. Immune system	
3. Virus	