# NEWSLETTER FOR THE THIRD UNIT OF INQUIRY

### DECEMBER 2020

GRADE 4



#### Central idea:

There are interconnected and interdependent rights and responsibilities in human communities.

Lines of inquiry:

- 1) The role of different body systems and their functions.
- 2) The human's responsibilities and their connections.
- 3) Why the interconnectedness of human's responsibilities is important?

In this unit of inquiry, the students studied different body parts and their function. They gathered information about each part and its responsibilities, and the way they are connected to other parts of the human body. They found out that how all the body parts are connected to each other and if one part doesn't work well, all the human body system will face serious problems. They became to know that what reasons can cause unhealthy situation for our body, and how can we keep ourselves healthy.

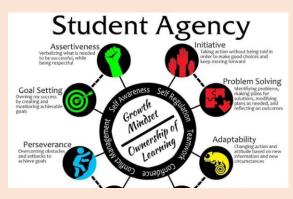
Then the students studied different parts and organs of the community, and they studied a smaller community like their school. They went further and searched about family as a community, and asked their parents about the social community that they work or belong to, and shared their gathered information with the others. Then they researched a lot about other communities and their connectedness, and they understood that if one single part of a community doesn't work well, all the community will be effected.

Finally, the students have gained a good knowledge about the different parts of the human body and a social community, and their functions, through researches and presentations. They learned that all the parts are related to each other, and if we want to have a healthy body or perfect community, each part should do its own duties in a proper way (including each student, self-management). They participated in different discussions in the online classes, asking that what would happen if one part doesn't take its responsibility, and what consequences will be caused? They also developed their risk taking skill, by suggesting new instruction for the improvement of the school, and reasonable habits for themselves to

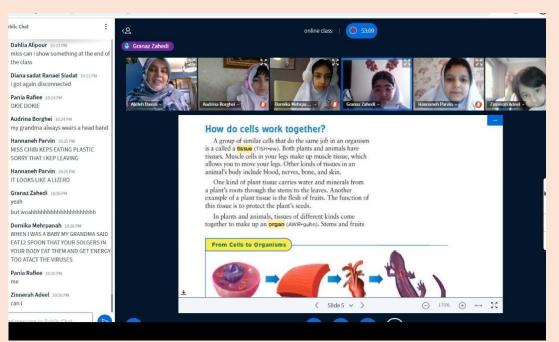
have a healthy body, also for their communities to be better.

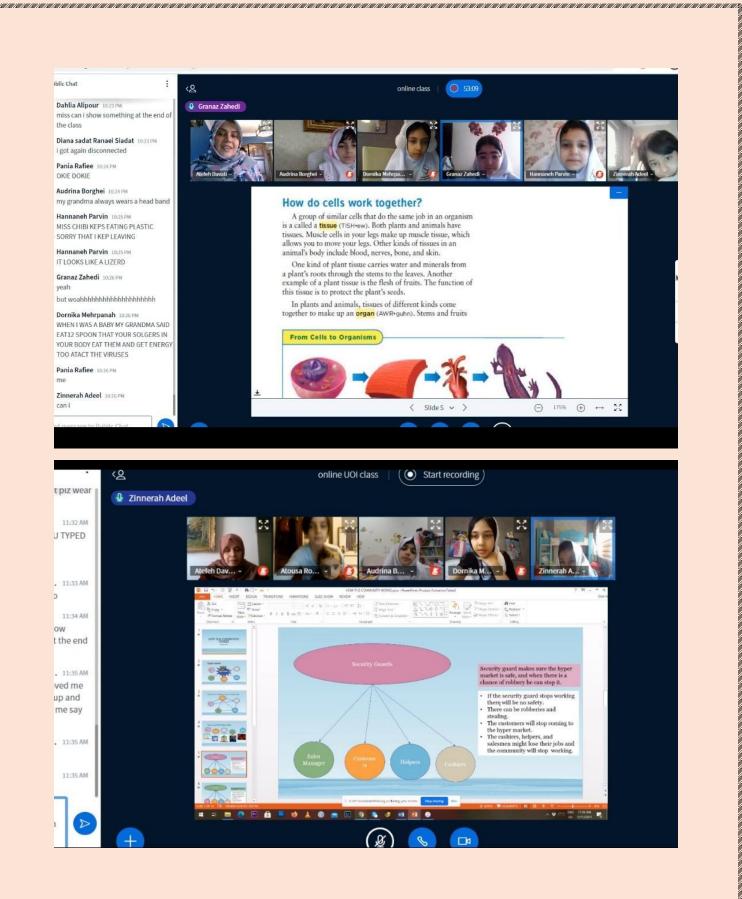
# **Student's Agency**

Students are asked to choose a part of our community, research about it, and get to know each one's responsibilities, function, duties and how does it work? Then they can interview or research about each individual in that organ or part of the



community, and ask about their interconnectedness despite their interdependent, and rigths. So if one part dosen't respond to its duties ,what will happen? How are the community parts related to each other? The students can have their own choice , voice , and ownership to give suggesstions for improvement of their own chosen part of the community and the way that they want to present their final projects in the online class. They also reflect themselves and the others.





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# MATHEMATICS

The students learned more about multiplication and division, and their meaning in mathematics. They learned that multiplication is a kind of additions, and equal parts. The students learned how to multiply 3-digit numbers to twodigit and used place value of each digit. They learned a lot about multiplication word problems, and different word problem solving strategies. They learned that division is a kind of subtraction, following a specific pattern. They developed their word problem skills, and used different word problem strategies, basically they improved their word problem understanding and how to read and interpret a word problem.

They tried to solve word problems, using the following four solving problem steps:

- 1) Understand
- 2) Plan
- 3) Find a solution
- 4) Look back (check the solution)

The students took turns in designing various types of tests for each other, and tried to learn more from each other by playing teacher's role in the math class. They used different word problem solving strategies such as; Draw a picture, Act it out, and Find the clues.

### L.A

The students learned more about the verb tenses and different types of sentences. Imperative and exclamatory sentences were taught and were used in punctuated writings in the class. The students became familiar with initial draft writing and beginning a proper story writing. They learned more about main sentence in a paragraph, and other related paragraphs. They increased their writing abilities. They developed their knowledge about the sentence structure in English.

# ICT

The students practiced and learned power point software.