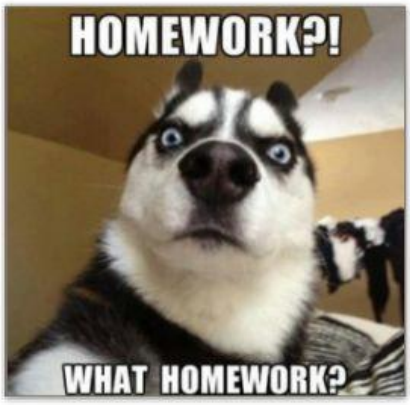
LGEG

Образовательный центр



Subject: Humanities
Teacher: Margarita
Group: F2
Name:

_____

Lesson 2 – Introduction: methodology

1. COMPLETE THE GAPS

Social imagination is _____

Write 3 examples of qualitative and quantitative methods:

QUANTITATIVE	QUALITATIVE

2. GEORGE IS A RESEARCHER. HE MADE A STUDY OF TEENAGERS LIFE, BUT FORGOT TO NAME METHODS HE USED. HELP HIM TO NAME THEM CORRECTLY!

Methods: Survey, Observation, Focus Group, Interview, Experiment

a. Method: _____
Description: What if the teenagers level of happiness depends on the music? To answer this question George decided to set different music in the school canteen during the lunch break and measure the level of students happiness via neuronetwork that was taught to recognize their faces and analyze their facial expression to fin out whether they are happy or sad.
The result shows that comparing to those student who had no music in the break (control group), students who listened to the song "Mood colour is blue" by Kirkorov were depressed while those who had their lunch listening to Rammstain were pretty happy.

LIVEWORKSHEETS

b. Method: _____
Description: Why some students fail to prepare their prep? George thought a lot about that and came up with a hypothesis: the more extra classes and sections the student has, the more tired he is, so (s)he is more tired and has less time to prepare.
George asked 100 students from his school 12-15 y. old and found that there is a negative relation between variable "HW marks" and "amount of extra classes (hours/week)".

c. Method: _____
Description: What is the ideal options list for a school canteen? We know, that some people are vegetarian, some are ok with fried food, some prefer to have a piece of cake while some prefer not even to be informed about it's existence to prevent themselves from eating too much pastries.
In cooperation with the school chef George developed 5 different options. From each group of interest there was a representative chosen, 6 in sum. Together with the Chef under George's moderation students discussed options and came up with a final suggestion.

d. Method: _____
Description: George noticed that every morning it is very crowded near the cloakroom. Is it anything that can be done? To learn all the details for one week from Monday to Friday George came to eight o'clock of the morning and spent 1 hour (till 9:00) in the cloakroom making notes about students behavior and moves. So, we noticed that the problem is that there is only one door: those who are in a rush to leave cloths and run to their classes meet those who already left their clothes in the door and cause everyone is rushing in the door there is a traffic jam. Making a second door, one to come in and one to come out, could solve the problem.

e. Method: _____
Description: One of Georges classmates, Leo, showed fantastic results in his last tests. To find out how did it happen that in Maths Leo got 146% George talked to him. After one hour conversation George figured out that Leo does very special brain exercises every morning and that is his secret way to the success.

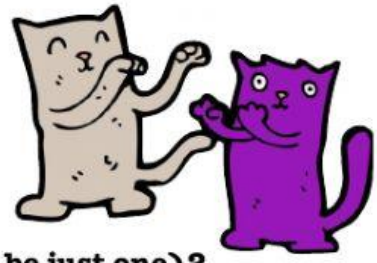
3. In the nearest future (hopefully) we will try to work on our own projects.

For now, I kindly ask you to choose a topic of your potential research (what is it about? what are you interested in? what do you want to know?).

For example, I want to know fans of which football team are the most aggressive. So, my topic would be 'behavior of football fans'. Why is this topic important: aggressive behavior might cause a lot of problems such as public property damage, fight and others. Having the information about particular groups of fans which might be dangerous can help us to improve safety measures on the stadium, for example.

LIVEWORKSHEETS

Which method can I use for my research: content analysis (we can analyze posts and comments on the matter of swearings) or observation (count acts of aggression).
Hypothesis/assumptions: I assume that fans of 'Manchester United' are the most aggressive.



Please write a from 5 to 10 sentences about:
- topic of interest
- why is it important/why is it interesting for you?
- which method can we apply?
- what are your hypothesis/assumptions (there might be just one)?
- how can we use this research to improve the situation or to solve a problem?

Good luck!

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