Report about learning MINT through the eyes of a young person

My name *

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How do you learn MINT subjects? A few methods which you find are good. How would you like to learn MINT subjects? A few tips! – Wie lernst du MINT Fächer? Einige Methoden, die du gut findest! Wie möchtest du MINT Fächer lernen? Einige Tipps! *

Good evening! When being asked about how I study MINT subjects or how to learn them I would like to review some of my Methods as well as some tips and improvements / wishes that apply to the current school system. So just imagine a teacher would ask you to write a test the next lesson. The first thing I would do after coming home is getting all the other work (e.g. homework) done. So now I can fully concentrate on my learning process. The next thing that has to be done is skimming through my folders and listing everything we have done so far (from the last test on). So now where I have my list, I would sort the topics by relevance meaning the topics I understand the less (where I am most likely to make some mistakes) will be of higher priority (at the beginning of the list). Sometimes I sort my checklist regarding other criteria (e.g. If the topics are based on each other then the base will be of higher importance (the first point on my list)). After that I will scan my notices as well some articles / tutorials in my school book or the internet. Now I have come to the point of making some notes. So I will scan my sources again and take notes. During this process I will also take further notes on processes we haven't handled in class yet but form a good foundation for the certain topic(s). Having all my notes written down I will take a break. It is important to get some fresh air and calm down. So I will go out for a short run of between five to ten kilometres. Coming back home I will try to remember my notes and learn / understand them by watching some tutorials on the topic on YouTube (e.g. TheSimpleClub). After that I will do some exercises and check them afterwards. If I have any kind of issue I will try to outline my lack of knowledge and reread as well as trying to understand it. Afterwards I would do a similar exercise to check whether I have understood the topic. Now I will take a second break. After completing my break I reread my notes while doing some sportive activities simioulaniously (e.g. Some Push-ups). Then I will try to remember the notes I took on the topics of my last test and reread them. Now I am fully prepared for the upcoming test! I would appreciate if my school would take a more modern way teaching stuff but I guess my school is on a good way of reaching my / the students' needs as it (or many teachers) started using digital software like Google Classroom. A good Ratio between practical and theoretical work is also of high importance for me / helps me to understand topics better. Another thing I would find very useful would be Focusing on integrating Smartphones in the Schools daily Routine as they could be very helpful quickly researching important aspects (e.g. a Formula). I hope my text was of interest for you! Yours sincerely, Luis Nouri

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