

Tips to Excel in Any Math or Science Class

Steps

1. Prepare for class by reading the textbook or other materials before class.
2. Pay attention, especially when the teacher is talking, and take notes during class.
3. Record anything learned in class from activities, including labs.
4. Read the appropriate sections of the textbook or other materials again after every class.
5. Review materials from www.mathguy.us and/or other websites to see if they are helpful.
6. Convert notes to index cards to be used in studying for tests and quizzes.
7. Do homework every day. If you have two days before your next class:
 - a. On the first day:
 - i. Review your notes from class.
 - ii. Try to do all of your homework. Do at least 2/3 of it.
 - b. Use the second day to:
 - i. Do any remaining homework or review what you did the first day.
 - ii. Investigate any remaining issues that you do not understand.
 - iii. Make a list of questions to be asked in class.
 - iv. If you have time, read ahead in the textbook or other materials.
8. Get help in class, at lunch, or during free periods, with anything you do not understand.
9. Form study groups to help each other do better and to challenge each other.
10. Get comfortable with using your calculator.
11. Before a test:
 - a. Review all notes and all of the examples from class.
 - b. Review any quizzes or sample tests and make sure you can do problems on your own.
 - c. Ask for help with any problems or material that you do not understand.

Summary: Do as much as necessary to learn the material. Too many students limit the time they spend learning rather than expanding the time they spend in order to learn the material well.

Helpful Books:

