

Math project
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PT 1 obeying class rules

First of all, this survival guide should help you survive in Mrs. Mckenna's math class. You need obey the rules, it's very simple. You come to class with all your necessary items. You sit down and stay quiet while doing your do now. Stay quiet while doing the lesson. you may speak when you're spoken to or if you have a question. If you are good enough, she will let you start your homework.

PT 2 studying

Miss Mckenna gives tests almost every other week. She nearly gives a test once a month. To help you study, she gives you a review sheet. When she gives you the review sheet, make sure you do it. These review sheets are nearly the same format as the test/quiz. When you are done, make sure you check over it. As well as the review sheet, make sure you go over past quizzes for a test, notes, and your book. Remember one thing, RECHECK AND SHOW YOUR WORK AND FOLLOW DIRECTIONS!!!!

As you know, every marking period, there is a Benchmark. To study for this, make sure you study **ALL** your notes, tests, quizzes, and book to get a decent grade.

For projects, remember one thing that you probably learned in all classes: DO **NOT** DO THEM AT THE LAST MINUTE!!!! Miss Mckenna's projects are meant to be done in a period of two to three weeks. Doing the whole thing at the last minute will result in a lack of sleep, a possible lowered grade, unable to be focused in school, and homework not done.

PT 2 NJASK

YES, it'll be that time again for the NJ ASK!!! Before you start screaming "AIN'T NOBODY GOT TIME FOR DAT!", listen to us. In Miss Mckenna's class, she only gives Nj Ask worksheets, and the worksheets have between 8-10 multiple choice and 1-2 open-ends. Also, watch out for one or two open ended assessments, where she makes you complete one or two open ends and grades them. That's right about it for the NJ ASK. Oh yeah, one more thing, here's a tip; do an additional workbook for more practice.

P3 TEST/QUIZ

Like we said before, before you take a test or quiz, make sure you study and review your sheets and old quizzes and tests. Also, the more you raise your hand for doing problems on the board, the less time you will have to study since it will help you remember your notes in your head. Also, make sure you go through the number and word problems in the math textbook. (She sometimes copies similar problems in the test.) For the quizzes you should study the notes and homework. For the tests do that and also study textbooks. Trust me you'll manage. Using these techniques, you will at least receive an A-. Good luck guys.

PT4 USEFUL MATH

Did you know this math is actually useful? I bet most of you already use this math to try to calculate change when you are at 7-11 or quick-check. If not, you will use it when you will use it

when you are older. If you become an accountant, you can't survive without the order of operations. For a scientist using certain equations is crucial to having conclusions. Statisticians have to give basketball statistics almost every week. There are multiple jobs in which you need to use these math strategies. Math is necessary in the modern world today. We can't live without it.

Pt 5 GETTING FULL CREDIT ON HOMEWORK

When Miss Mckenna gives you homework, make sure you copy it into your planner. To get full credit, you need all the problems completed. If it's book work, make sure you show all work, and copy the problem as well. If it's a worksheet, make sure you check your work when done. If the whole class has their homework completed you get a snap. The period that gets the most snaps, will get a special prize.

PT6 USEFUL FORMULAS/THEOREMS YOU WILL USE

- Square/parallelogram $a = bh$
- triangle $a = 1/2bh$
- pythagorean theorem $a^2 + b^2 = c^2$
- circle $a = \pi r^2$
- circle circumference $C = \pi d$
- permutations $\frac{n!}{(n-r)!}$
- combinations $\frac{n!}{r!(n-r)!}$
- cone $v = 1/3\pi r^2 h$
- cylinder $v = \pi r^2 h$
 $SA = 2\pi r h + 2\pi r^2$
- rectangular prism $V = lwh$
 $SA = 2lw + 2lh + 2wh$
- pyramid $1/3bh$
- sphere $v = 4/3\pi r^3$
 $SA = 4\pi r^2$

Pt7 Career



Astronomers usually hired by colleges, universities or government research organizations. Not too many work for companies or businesses because astronomy isn't a science that has a lot of practical applications that you can make money off of! However, the most likely field in which you would find astronomers to work for a company would be in the area of telescope or instrument design and construction. An example is [Malin Space Science Systems](#), a company run by an astronomer named Michael Malin which builds instruments for unmanned space missions, such as the recent [Mars Global Surveyor](#) satellite.

Astronomy is the study of space and stars.

Math is related to astronomy because astronomers use math to calculate distance and accuracy of eclipses happening and also changes in distance of planets through orbit. Mostly, math is used to calculate the size, circumference and area of incoming asteroids, meteors, and rarely comets. Math is crucial in order to study new planets. Scientists use math to measure the amount of ice in planets like Mars.