

HOW TO SUCCEED IN MATHEMATICS: STUDY PLAN

1) OUTSIDE OF CLASS

- Spend a minimum of 30 minutes per day and a maximum of 60 minutes (4-5 days per week)
**Time will vary depending on individual work pace
- Use classwork and notes as an aid for homework. Review and revise class notebook entries.
- Attempt ALL the homework problems thoroughly
- Look up all answers (as posted or directed by your teacher) and place a mark next to any problems you do not get right the FIRST time. **If you use “Homework Help”, mark those too since you did not get correct on your own.**
- Correct problems on your own and make a note about which problems you will ask about in class the next day
- If you do not use the entire allotted study time for Homework completion, use the remainder (10 or 15 minutes) to STUDY problems from previous assignments. **Focus on the ones you have marked.** Attempt to do those problems without looking at your notes and check answers. STUDY MATH BY DOING PROBLEMS, NOT JUST BY LOOKING AT SOLUTIONS.
- Attend Office Hours if you do not get all questions answered in class. Your teacher’s office hours are posted on your class syllabus, canvas and/or outside the classroom door. You may also attend shared office hours of other teachers. Come prepared with questions to office hours.

2) IN CLASS

- Participate by coming prepared (Do ALL homework and have necessary materials from the posted syllabus)
- Be ready to start teamwork quickly.
- Work **together** with your team; participate on every problem by giving ideas and by listening to the ideas of others. Help others if they ask a question (explaining problems to others a great way to enhance your understanding of concepts)
- Ask questions of your classmates and teacher about homework problems and classwork. Volunteer answers in class discussions.
- Keep an open mind and positive attitude.
- Accept others and be respectful (everyone needs to feel comfortable making mistakes).

3) STUDY TIPS

- Use the Unit Study Guide to see topics, practice problems, review vocabulary, and study tips.
- Complete and correct Unit review problems
- Review the growth check, team test, and any class notes.
- Memorize important definitions, properties, vocabulary, notation, and formulas.
- MOST IMPORTANTLY: WORK PROBLEMS YOU HAVE MARKED ON HOMEWORK, especially those you asked about in class or office hours, and those you did not get correct the first time
- Get ALL questions answered by a parent, friend, or teacher prior to the test

4) DURING THE TEST

- RELAX! You have prepared as much as you can. Nothing you do now will help you know it better. A relaxed mind is an open and clear mind. Take a few deep breaths (inhaling and exhaling) and the answers will come to you more easily
- Do your best! That is all that you can expect of yourself. EFFORT counts a lot and will pay off in the end
- Do the problems you know well first. Do not spend too long on any one problem. If a problem is taking a long time, skip it and return to it at the end of the period. Be sure you have time to do the problems you know correctly.
- If you have extra time, check you work and solutions carefully.