

# Math X

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## What is Math X?

Math X is an elective course designed to take concurrently with a seventh or eighth grade standards based math course. The purpose of Math X is to explore and extend upon math concepts. It is not to be taken as a support to the concurrent math class.

## Who enrolls in Math X?

Students who take this course usually have a history of doing well in mathematics and they enjoy the subject. It is expected that students will work hard independently and with others, challenge themselves, and contribute to the class as a whole.

## What is done in Math X?

The course includes an emphasis on using computers and programming with *Mathematica*. Basic computer experience is helpful, but it is not necessary to have experience with any math programs. Students will further their math understanding by way of solving fun problems, playing strategy games, performing research, and using technology. There will be some small homework assignments throughout the year, but they will not be assigned on a regular basis. Homework assignments may include programming tasks, reading, journal writing, and problem solving.

**(OVER)**

## WHAT TO BRING EVERYDAY

- ❑ An eagerness to learn math
- ❑ A good attitude!!!

## EXPECTATIONS

- ✓ Be respectful to yourself and others
- ✓ Give your best effort always
- ✓ Be in your seat and ready to begin by the bell
- ✓ No gum, food, drinks, hats, hoods

## GRADING POLICY

|                                   |               |
|-----------------------------------|---------------|
| Projects                          | 50%           |
| Participation in daily activities | 50%           |
| A = 93-100%                       | C = 73-76%    |
| A- = 90-92%                       | C- = 70-72%   |
| B+ = 87-89%                       | D+ = 67-69%   |
| B = 83-86%                        | D = 63-66%    |
| B- = 80-82%                       | D- = 60-62%   |
| C+ = 77-79%                       | F = under 60% |