

Mathematics Extensions

New Year-Long Elective Course

Are you interested in connecting math concepts with technology? Do you want to do activities that go beyond a normal math class?

Mathematics Extensions is a year-long elective course where students will design, research, create, and present projects and activities that deepen their mathematical understanding. Students enrolled in this course will be expected to do the following:

- Work independently and with groups to solve problems and understand concepts.
- Frequently use technology to expand upon mathematical concepts.
- Keep up with assignments without a daily check from the teacher.
- Work efficiently in a classroom and a computer lab setting.
- Read and discuss mathematical arguments and examples.
- Prepare projects inside and outside of class and give presentations.
- Solve complex and open-ended problems.
- Connect mathematics to other disciplines.
- Write out mathematical arguments for solving problems.
- Participate in community service by assisting with projects and school activities.