

Mathematics Philosophy

In the Bernards Township School District, we envision a K-12 mathematics program that provides all students with access to high quality mathematics instruction that empowers them to better understand the issues of a technological society. There are ambitious expectations for all students, along with provisions for students with different abilities and learning styles. The mathematics curriculum is rich. All students are engaged in worthwhile mathematical tasks that allow them to understand mathematics through a problem-centered, concept oriented instructional approach.

Goals:

- All students will become effective problem solvers, risk takers, and independent thinkers.
- All students will become mathematically competent, developing fluency with facts and procedures.
- All students will communicate mathematics.
- All students will use technologies and other tools and as a means to broaden their understanding about mathematics.
- All students will value mathematics for its practicality and usefulness.
- All students will connect mathematical concepts both within mathematics and between mathematics and other disciplines.