

# Glassboro Public Schools

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Dear Parents/Guardians:

EUREKA Math is built around the principal that students will not only gain strong, grade-level content knowledge, but also in the mathematical practices that will help our students gain the foundation to help them tackle mathematical challenges in the future. Now that we are in year three of implementation, we are proud to provide you with some additional information of which you may not be aware.

EUREKA Math is a research based program, and our students will think about math conceptually to build skills in solving everyday problems.

In addition to the EUREKA Math research base, we are proud to also use the research work of Jo Boaler, author of *Mathematical Mindsets* (2015), and Carol Dweck, author of *Mindset: The New Psychology of Success* (2006). Their research combined provides a framework for how to instill in students a growth mindset, an approach to learning whereby students learn how to persevere through challenging tasks.

This program is aligned to the New Jersey Student Learning Standards (NJSLS). These standards are grade level specific and allow teachers and parents a better understanding of what a child is expected to know and be able to do by the end of the school year.

The mathematics curriculum ensures that students will develop the skills below:

- Age appropriate understanding of Number, Operations, Algebra, Geometry, Measurement, Data and Analysis, and Probability
- Fact fluency
- Ability to utilize higher order thinking skills, communicate mathematically, and solve problems in a real world context

In a typical lesson, your child will experience the following:

- Fluency Practice – Quick, fun, daily activities that promote improvement of fact fluency
- Application Problem – Real life, multi-step problems that utilize previously taught grade-level standards, and require students to use the RDW (Read, Draw, Write) approach to solving
- Concept Development – Lesson / guided practice
- Problem Set – Independent practice of skills based upon daily objective
- Debrief – Opportunity for students to share their observations and methods of solving
- Exit Ticket – Brief assessment of daily skills

EQUAL OPPORTUNITY EMPLOYER

For more information about Eureka Math, please visit the Eureka Math webpage, <https://greatminds.org/math/parents>. You will be able to create your own account and access the following:

- **Homework Helpers:** A grade level resource that provides explanations of how to solve problems similar to those from your child's class.
- **Parent Tip Sheets:** Topic-level tip sheets to explain math strategies and models, and provide key vocabulary, as well as sample problems.
- **Module Overviews:** A resource that provides a summary of the concepts and skills your child will encounter in each module.
- **Instructional Videos**

Please know your child's teacher has been fully trained and will continue to receive coaching and training as we continue our implementation. Do not hesitate to ask your child's teacher questions if you have them. We are excited to see how EUREKA Math will benefit our students mathematically in the future!