Broward County Public Schools
EMF Program
Prospective Parent Information
For more information, visit
EMFmath.com/bcps
What are the requirements to participate?
Success in EMF requires math ability, reading ability, self-study, patience, perseverance, internal motivation, organization, and time management skills.

To participate your child must:
• Complete EMF01 prior to August 1st with a 90% or better average.
• Maintain EMF course grades of 80% or better, and be no more than 14 days behind schedule.
• Along with a parent, sign a contract acknowledging the requirements for participation.
What are the requirements to participate?

Students should spend about 30 minutes each school night, plus time at weekends and during vacations as necessary.

After a warning, students have two weeks to catch up to schedule and/or improve their EMF grade.

Complete summer courses: EMF01 prior to 6th grade; EMF10 prior to 7th grade; EMF15 prior to 8th grade.
Why complete the first EMF course?

Reasons to study EMF01 in the summer:

1. **Qualify for EMF.** You must score at least 90% on EMF01 to participate. You may ask up to 3 questions in the EMF Help Forum during this course, which may help you determine if the online EMF learning environment is a good fit for you.

2. **Exercise your brain!** Keep your brain in gear over the summer!
Why complete the first EMF course?
Reasons to study EMF01 in the summer:

3. **Learn something new.** EMF01 covers elementary group theory, is used in quantum mechanics in physics, symmetry in chemistry, molecular systems in biology, and even in solving the Rubik’s cube.

4. **Decide if you want to learn more.** This will be the first modern mathematics you will ever have experienced. You will be surprised! And you may find it's something you really enjoy.
How is EMF implemented in a school environment?

At school, students study EMF within a GEM classroom on school-provided laptops.

Students are also expected to spend at least 30 minutes per school night working on EMF and additional time as needed.

Parents are encouraged to provide their child with headphones to listen to EMF videos while in class.
How is EMF implemented in a school environment?

Depending on the teacher, EMF students within a classroom may be permitted to work collaboratively as long as they are quiet and do not share answers.

EMF students use Edmodo and the built-in EMF online chat forum to participate in local and global EMF student communities. Strict online behavior rules apply.

From time to time, students may gather in person for social and academic events.
Grades

**EMF course grade:** Weighted average of the assignments (60% weight) and tests (40% weight)

EMF courses typically contain 8-10 assignments and 1-2 tests.

Prepare well for tests in order to obtain a high EMF course grade!

Students must maintain EMF course grades of 80% or better as one of several conditions to remain in the program.
Grades

Official report card grade: Calculated using the EMF assignment and test scores for coursework scheduled for completion during the grading period.

Curved upward to reflect the fact that EMF courses are more challenging and demanding than the regular GEM course.

Parents should monitor progress through:
• Weekly emailed progress reports, and
• Real-time online report cards accessed via student’s EMF account.
What role do parents play?

Most important is to provide a **supportive environment** in which students can study without interruption or distraction.

Help with your child's **organization and time management**. Plan for working ahead of or through weekends and vacations.

**Monitor grades and schedule** through weekly emailed progress reports and online real-time report cards.
Congratulations!

Your child worked hard in elementary school and is now a candidate for the BCPS-EMF Program. Congratulations!

EMF students spend more hours studying mathematics than their peers and may also need to work during vacations.

Graduates of the BCPS-EMF program have HS credits in Algebra I, Algebra II, Geometry and Precalculus, and enroll in online Calculus classes at UF and/or AP Calculus classes as 9th graders.