

Kensington Parkwood Math Night FAQs

Thank you for attending our Eureka Math Night! The presentation and lessons shared the “Why” and the “How” of Eureka Math; focusing on the nature of a comprehensive, rigorous curriculum that fosters Conceptual Understanding, Procedural Fluency, and Application. We appreciate and value the time spent introducing the components of a Eureka Math lesson.

1. Where is the differentiation, in particular for students who need enrichment?

The Eureka Math curriculum was designed to meet the needs of all students. The structures of Eureka Math include elements that meet the enrichment needs of many students. Advanced learners often need to be exposed to a depth of learning, real-world and interdisciplinary concepts, and complex and higher order thinking.

Enrichment with Eureka Math can best be viewed as another customization. In Eureka Math Preparation and Customization professional development trainings, staff heard about the importance of understanding the math, how it progresses, and how it builds in complexity. Teachers explored how to make purposeful choices to customize lessons to meet the needs of the students in their classrooms. It is important to note that this is a daily purposeful decision that teachers make based on their observations of their students.

During math night you heard teachers refer to “**Must-Do’s, Can Do’s, and Extensions.**” This is how lessons are being differentiated each day for students. As teachers hone lessons, they designate some of the problems as extensions and students who are able to complete more complex problems at the end of the Problem Set consistently, and with minimum support, may demonstrate the need for and benefit from further customization. Professional development is ongoing as staff learn to hone the lessons to meet the needs of all students.

2. What does assessment look like? How will compacted classes be formed?

Both Eureka Math and the MAP (Measures of Academic Progress) assessments are aligned to the Common Core State Standards. [THIS](#) article provides details.

Per central office of Montgomery County Public Schools, for the 2020-2021 school year, schools will continue to offer **Curriculum 2.0 Math 4/5 and Math 5/6**. The identification process is being reviewed and updates will be shared. Students in 3rd grade are screened using classroom, district, and external data. This includes grades and both district and MAP assessments. Click [HERE](#) for more information about compacted math.

3. How fast do you go through group problems before moving up in rigor?

Each Eureka Math lesson has a “Suggested Lesson Structure.” The Problem Set is 10 minutes, but may be extended based on students’ understanding of the mathematics. The rigor is embedded within the Problem Set as the last few problems of the set represent the most complex tasks that students will engage in during a lesson. As teachers customize the Problem Sets to meet the needs of their students, some students may start with the most complex problems first. This is the differentiation outlined in each lesson as the **“Must-Do, Can-Do, and Extension”** problems.

4. What about students who are not getting it? Do they have the opportunity to get help or notify the teacher?

Progress monitoring and observational assessments occur during the lesson from beginning to end. Teachers make instructional decisions throughout the lesson for students. This may include using concrete materials to reinforce abstract mathematical concepts or providing resources such as number lines or hundreds charts to scaffold learning. Teachers engage with students both whole and small group and are aware of the needs in the room. Students are always encouraged to ask questions.

In addition to this, each grade level engages in collaborative team planning in which curriculum study occurs weekly. During this study, teachers unpack the lessons and work through the Problem Sets in order to see first hand how the problems build in complexity. This way, we can anticipate where students may need support or enrichment. Before lessons are delivered, teachers delve into the modules to determine which questions, models, activities, discussions, and examples will advance the learning of the lesson.

5. What are some tips to help with homework?

Each homework assignment our students receive is accompanied by a “Homework Helpers” page that is sent home. Additionally, Eureka modules have an overview of each lesson in their “Parent Tip-Sheets.” These can be found on the Greatminds.org site or you may reach out to your classroom teacher for this resource. For additional resources please explore the following:

- a. [Accessing Parent Resources](#)
- b. [Video resources](#)