Dear Parents / Guardians of Grade 3 and Grade 4 Students.

With great excitement, the Newton Public Schools is implementing a new math curriculum, *Investigations3*, beginning this academic year in grades three and four. You are critical partners in developing our students to be powerful and confident mathematical thinkers. To promote family engagement in the teaching and learning of mathematics, there are **Family Letters**, a digital resource called **Math Words and Ideas**, and an online **Game Center**, providing you access to content support and interactive activities.

You will receive a **Family Letter** titled "About the Mathematics in This Unit" introducing you to the mathematics your children will be doing and to the Benchmarks for that unit. Another Family Letter for each unit, "Related Activities to Try at Home", suggests activities that families can do together to support the mathematics happening at school.

The **Math Words and Ideas** digital resource is another valuable tool, providing an overview of the year's mathematics work, a closer look at the ideas and kinds of problems students encounter, examples of student work, and questions that you and your children can talk about together.

In the **Game Center**, you will find digital versions of many of the games in the *Investigations* curriculum.

Once your student brings home login information, you will be able to go to www.pearsonrealize.com, and select "Tools" to find the Game Center, and Math Words and Ideas.

Related Activities to Try at Home The activities belo multiplicati You can us learning ex Things Tha **About the Mathematics in This Unit** been inves examples a Dear Family. Our class is starting a new mathematics unit about Eggs come Spiders ha multiplication and division called Understanding Equal Groups. During this unit, students develop as understanding that we use multiplication to combi Your family things com a number of equal groups and that we use divisi there some to split a quantity into equal groups. By the end of Grade 3, it is expected that students will be fluent with multiplication combinations up to 10×10 . Skip Count Throughout the unit, students work toward the multiplicat on this wo following goals: O What nu (3, 6, 9, a one num Here are 3 stars.
Each star has 5 points.
There are 15 points in $3 \times 5 = 15$ O What wo had two O How man 4, 8, 12, 16, 20, 24, 28, 32

The Investigations3 curriculum is designed to engage students in problem solving and making sense of mathematical ideas. The three resources above will support engagement with your children while they build fluency and skills, develop a strong understanding of mathematics and become deep mathematical thinkers.

Sincerely, The K-8 Math Department