WELCOME TO FIFTH GRADE MATH

PARENT ENGAGEMENT

THE PURPOSE OF THIS PRESENTATION IS TO INFORM PARENTS ABOUT THE EXPECTATIONS, CURRICULUM, AND STANDARDS OF THE FIFTH-GRADE MATH CLASS, HELPING THEM UNDERSTAND HOW TO SUPPORT THEIR CHILD'S LEARNING JOURNEY. ADDITIONALLY, IT PROVIDES AN OPPORTUNITY FOR PARENTS TO LEARN MORE ABOUT ME AS THEIR CHILD'S MATH TEACHER.

I am Kimberly Sharpe. I am excited to share that I am entering my Eleventh year as a fifth-grade math teacher. Over the past decade, I have had the privilege of working with incredible students, witnessing their growth, and fostering a love for learning in the fields of mathematics.

I hold a bachelor's degree in elementary education and a master's degree in reading and mathematics in early education. Throughout my career, I have gained valuable insights from my colleagues and continue to grow as an educator every day, striving to provide the best learning experience for my students.

I am married to Tadd, and we have two children: Joseph and Anna Kate. Joseph is married to Kathleen and my daughter is engaged to Jordan. I am also a Yaya to my grandson, Jaxon!

OBJECTIVES AND GOALS

01.

Understand the key math concepts in 5th grade

02.

Learn how math is taught in Georgia

03.

Discover ways to support your child at home

Based on Georgia Standards of Excellence (GSE)

- The GA Department of Education has specific standards that every GA 5th grader is taught.
- I use these standards to guide my instruction, tests, and activities.
- The next slide will show the major units of study for 5th Grade Mathematics.
- You can also scan this QR Code for a Grade Level Overview.

FOCUSES ON CONCEPTUAL UNDERSTANDING, PROCEDURAL SKILLS, AND REAL-WORLD APPLICATION

GRADE 5 MATHEMATICS CURRICULUM MAP

Georgia's K-12 Mathematics Standards
GRADE 5

Semester 1				Semester 2			
Unit 1	**Unit 2**	**Unit 3**	**Unit 4**	**Unit 5**	**Unit 6**	**Unit 7**	**Unit 8**
Investigating Volume of Solid Figures Interdisciplinary Connection	Building Conceptual Understanding of Place Value Using Measurement and Data Reasoning Interdisciplinary Connection	Building Conceptual Understanding of Multiplication and Division with Whole Numbers Interdisciplinary Connection	Building Fraction Understanding Interdisciplinary Connection	Making Sense of Fraction Multiplication and Division Interdisciplinary Connection	Extending Place Value and Working with Decimals to Solve Problems Interdisciplinary Connection	Exploring Geometry and the Coordinate Plane Interdisciplinary Connection	Culminating Capstone Unit
2 - 3 weeks	**4 – 5 weeks**	**3 - 4 weeks**	**3 - 4 weeks**	**5 - 6 weeks**	**4 - 5 weeks**	**3 - 4 weeks**	**1 - 2 weeks**
5.GSR.8 5.NR.5 5.MP.1-8	5.NR.1 5.MDR.7 5.MP.1-8	5.NR.2 5.NR.5 5.MDR.7 5.MP.1-8	5.NR.3 5.MDR.7 5.MP.1-8	5.NR.3 5.MP.1-8	5.NR.4 5.MDR.7 5.MP.1-8	5.PAR.6 5.GSR.8 5.MP.1-8	ALL STANDARDS 5.MP.1-8
Ongoing interdisciplinary learning to impact the community and to explain real-life phenomena							
The concepts in each unit are presented based on a logical, mathematical progression. Each unique unit in sequence builds upon the previous unit.							
The Framework for Statistical Reasoning, Mathematical Modeling Framework, and the K-12 Mathematical Practices should be taught throughout the units.							

Mathematical Practices (5.MP.1- 8) should be evidenced at some point throughout each unit depending on the tasks that are explored. It is important to note that MPs 1, 3 and 6 should support the learning in every lesson.

Key for Course Standards: NR: Numerical Reasoning, PAR: Patterning & Algebraic Reasoning, GSR: Geometric & Spatial Reasoning, MDR: Measurement & Data Reasoning

WEEKLY NEWSLETTER FOR PARENTS

OUR WEEKLY NEWSLETTER IS AN ESSENTIAL RESOURCE FOR KEEPING PARENTS INFORMED ABOUT THEIR CHILD'S ACADEMIC PROGRESS AND SCHOOL ACTIVITIES. IT INCLUDES IMPORTANT INFORMATION SUCH AS:

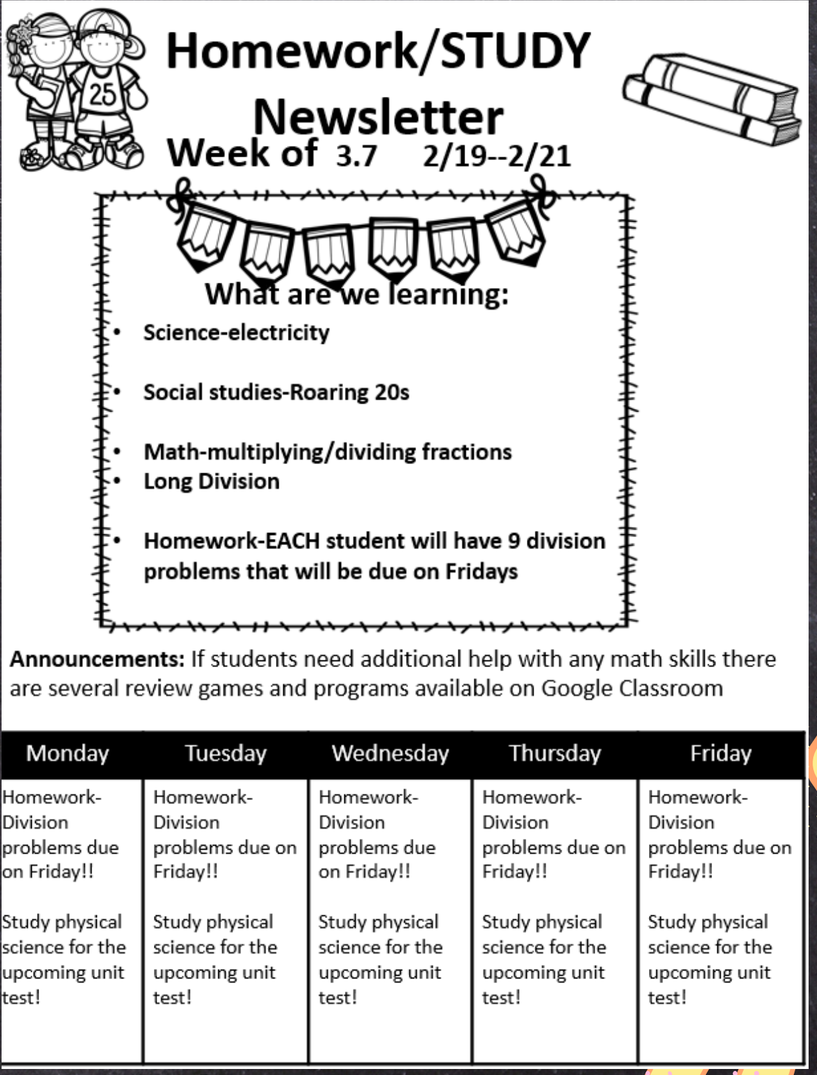
TEST DATES – STAY UPDATED ON UPCOMING QUIZZES AND EXAMS TO HELP YOUR CHILD PREPARE.

HOMEWORK DUE DATES – A REMINDER OF ASSIGNMENTS AND PROJECTS TO ENSURE TIMELY COMPLETION.

SCHOOL EVENTS – KEY DATES FOR ACTIVITIES, MEETINGS, AND SPECIAL PROGRAMS.

CLASSROOM ANNOUNCEMENTS – ANY UPDATES OR MESSAGES FROM TEACHERS.

WE ENCOURAGE PARENTS TO REVIEW THE NEWSLETTER EACH WEEK TO STAY INVOLVED AND SUPPORT THEIR CHILD'S SUCCESS!



Homework/STUDY Newsletter

Week of 3.7 2/19--2/21

What are we learning:

- **Science-electricity**
- **Social studies-Roaring 20s**
- **Math-multiplying/dividing fractions**
- **Long Division**
- **Homework-EACH student will have 9 division problems that will be due on Fridays**

Announcements: If students need additional help with any math skills there are several review games and programs available on Google Classroom

Monday	Tuesday	Wednesday	Thursday	Friday
Homework-Division problems due on Friday!! Study physical science for the upcoming unit test!	Homework-Division problems due on Friday!! Study physical science for the upcoming unit test!	Homework-Division problems due on Friday!! Study physical science for the upcoming unit test!	Homework-Division problems due on Friday!! Study physical science for the upcoming unit test!	Homework-Division problems due on Friday!! Study physical science for the upcoming unit test!

My goal is to ensure they are mastering the skills we cover while also developing independent problem-solving abilities.

Each week, I aim to take two grades:

A test or quiz – This assesses the specific math skills taught during the week.

Independent work – This reflects how well students apply what they've learned during class activities.

These grades help me track student progress and provide support where needed.

Please encourage your child to review their notes and practice regularly.

Most tests are completed on Google Classroom and can be reviewed any time after student has completed the test. Independent work is completed during class in the form of a worksheet or digital platform.

MATH MANIPULATIVES, KAGAN STRATEGIES, & STUDENT LED ACTIVITIES

Math manipulatives are physical objects that help students understand mathematical concepts through hands-on learning. They make abstract ideas more concrete by allowing students to visualize and physically manipulate numbers, shapes, and equations.

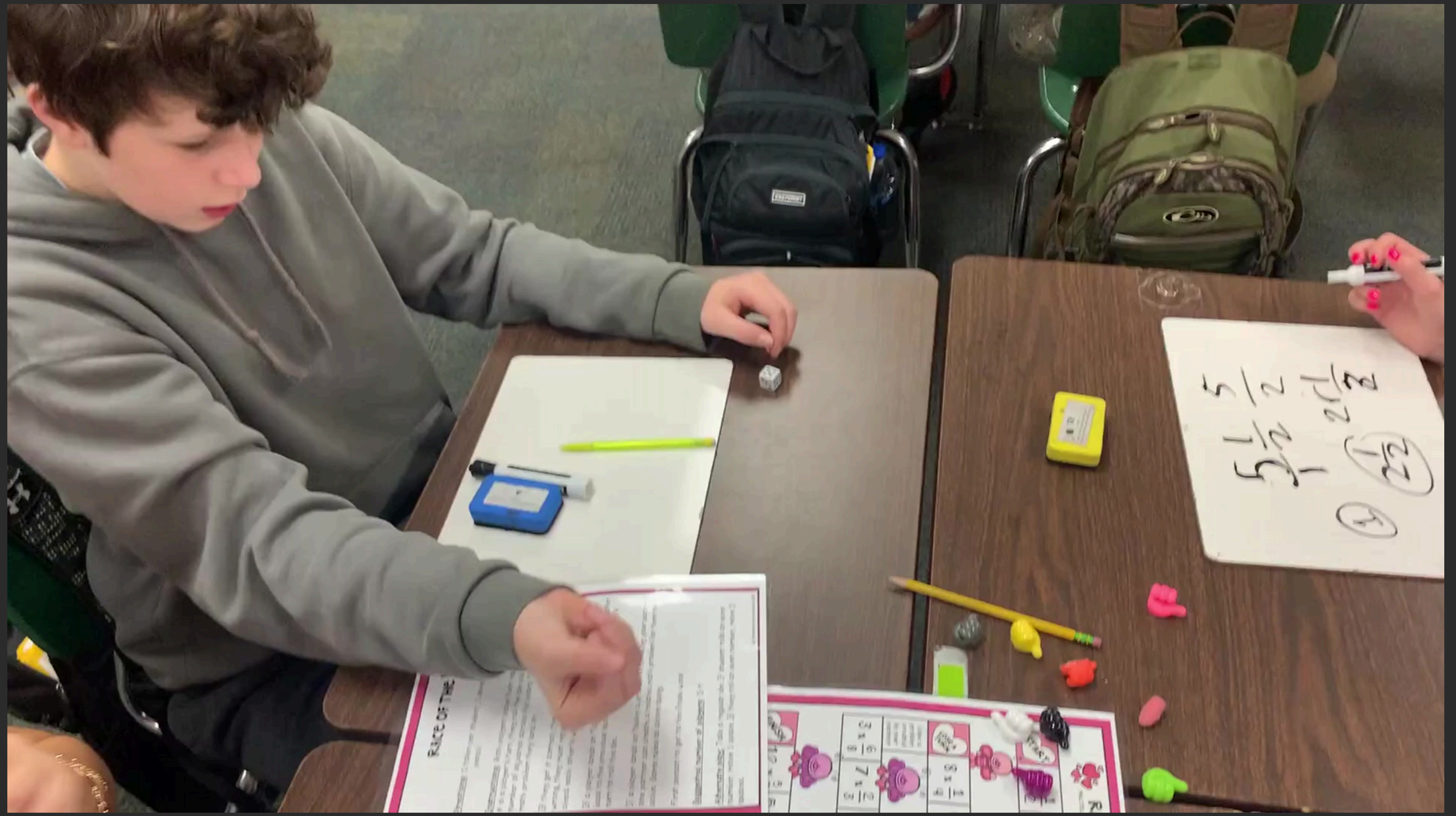
Kagan strategies are cooperative learning techniques designed to engage students, improve classroom interactions, and promote higher-order thinking. These structures ensure that all students participate, rather than just a few.

Student-led activities shift the responsibility of learning from the teacher to the students, promoting autonomy, critical thinking, and engagement. These activities encourage students to explore concepts, make decisions, and collaborate with peers.

THE NEXT FEW SLIDES SHOWCASES USING SOME OF THE STRATEGIES TO LEARN AND TEACH MATH


A shirt bought 1.4 pounds
of cotton. If 1 shirt bought
another 0.7 pounds of
cotton what is the total
weight of cotton it bought?
While exercising, Tom jogged
10 1/2 kilometers and
walked 6 5/7 kilometers.
What is the total distance he
traveled?
16 4


$2\frac{1}{2} + 3\frac{1}{4}$



Why can't an elephant use a computer?

I want to take a moment to sincerely thank you for all your support throughout the year. Your encouragement and involvement have made a tremendous impact on your child's learning journey. I also appreciate you taking the time to view our math presentation. Your engagement in your child’s education is invaluable, and I am grateful for your partnership in fostering their growth and success. Thank you again for your continuous support—I truly appreciate it!

THANK YOU VERY MUCH!