



# Reading

Students entering

# Grade 5

# Math



The Franklin Public Schools and the Franklin Public Library summer reading programs are designed to foster a joy of reading and an opportunity to explore different literary genres. Franklin's summer reading programs reflect our Core Student Expectations: Read widely and strategically, think critically and creatively, and communicate effectively. To reinforce these expectations, adults can help their children in a variety of ways.

- Read *TO* and *WITH* children of all ages. Adults or siblings may choose to read to children.
- Help your child select "just right" books to read independently. This means your child can read most of the words easily *AND* understand the story.
- Discuss books with your children.
- Encourage children to try different genres including poetry and nonfiction.
- Encourage children to try different materials including newspapers, magazines, and books on tape.



## Summer Reading Requirements

During the summer, each student will read a minimum of six books or 1200 pages. Read-Alouds count! We have included a list of **SUGGESTED** authors and series; all have been recognized for their outstanding contribution to children's literature. This list is *NOT* exhaustive and we encourage you to help your child choose reading materials that will foster his/her love for reading. We have partnered with the Franklin Public Library and Barnes & Noble, whose staff will be very helpful in recommending books for your child.

Please have your child record the books he/she reads over the summer months on the attached reading log and return to next year's teacher during the **first week of school.**

The daily activities in this summer math packet provide a review of math concepts and skills your child completed during the fourth grade school year. Just a few minutes each day spent thinking and talking math will help reinforce the math your child learned and bridge the learning between grade levels. The goal is for you and your child to have fun thinking and working collaboratively to communicate mathematical ideas. While working, ask your child why a particular strategy was chosen and how the solution was found. The math activities in this summer packet address the Massachusetts Curriculum Framework for Mathematics, which incorporates three critical areas in fourth grade:

- Develop an understanding and fluency with multi-digit multiplication, and develop an understanding of multi-digit division.
- Develop an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole number.
- Understand that geometric figures can be analyzed and classified based on their properties. e.g. parallel sides, angle measure.

## Summer Math Requirements

The packet consists of 2 monthly pages, one for July and one for August. We encourage your child to complete at least 12 math activities each month.

- ★ Students should also practice their basic math facts several times a week. In Grade 5 incoming students are expected to **know from memory** all multiplication facts through 12x12 and their related division facts. Students are also expected to **know from memory** all addition facts through 10 +10 and their related subtraction facts.

When your child has completed the math requirements, please sign both July and August pages and return to next year's teacher during the **first week of school.**