

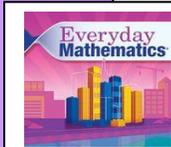


GRADE 4 MATHEMATICS

EVERYDAY MATHEMATICS 4

Hingham elementary schools use the *Everyday Mathematics 4* program.

The elementary curriculum is aligned with the Massachusetts 2017 Frameworks.



STUDENT LEARNING CENTER

Be sure to check out the extensive online resources available to students and families at:

<http://everydaymath.uchicago.edu/parents/>

Access the daily lesson content, family letters, scope and sequence, tutorial videos (to get you through those tricky homework nights!), interactive games, and more!



CONTINENTAL MATH LEAGUE

All students in grades 2-5 have the opportunity to participate in the CML. The CML contests include six challenging mathematics problems that require children to utilize and develop problem-solving skills. The children learn how to represent their thinking, solve problems using multiple strategies, and persevere when tasks are challenging. Following each contest, the children discuss how they solved each problem.

BASIC FACT POLICY

Purpose: To ensure all students attain fluency with their grade level facts. Students have achieved fluency when they can recall a fact in 3 seconds or less.

By the end of 4th grade, students need to know multiplication and related division facts through 12 x 12.

*Students will take fact quizzes that will assess their fact fluency. Multiplication starts in September & division in January.

*Students will practice facts in school several times a week and **must** regularly practice facts at home using games, flashcards, websites, worksheets, etc.

COMPUTATIONAL ALGORITHMS

Children should develop a variety of computational methods and the flexibility to choose the procedure that is most appropriate in a given situation.

By the end of 4th grade, students are expected to fluently use: **Partial Sums Addition, U.S. Traditional Addition, Trade-First Subtraction, U.S. Traditional Subtraction, Partial Products Multiplication, Partial Quotients Division.**

Students will begin to learn the U.S. Traditional Algorithm for multiplication.



FAMILY LETTERS

Family letters come home at the beginning of every unit. They provide a nice overview of the unit, the skills to be mastered, vocabulary, answer keys, and do-anytime activities. Store them in a safe place!

ELEMENTARY MATH WEBSITE

Don't miss the updated elementary mathematics website for plentiful parent and child resources, including fact practice, grade-level standards and activities, enrichment, support, everything you and your child need to know about HPS elementary math!

<http://hinghamelementarymath.weebly.com/>

