



A Parents' Guide to STUDENT SUCCESS

Grade 4

Working together as a team, parents and teachers are establishing a foundation for a child's continual academic and social success. This guide provides an overview of critical grade level focus areas in English Language Arts and Mathematics. Homework strategies and parent involvement opportunities are also included. The staff at Quashnet School looks forward to a successful year of collaboration within the Quashnet community and strive for academic success for all students.

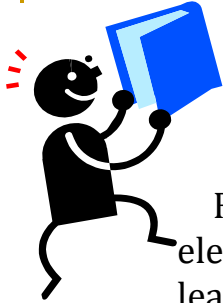
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English Language Arts and Literacy



ELA Overview

Fourth grade is a transitional year in elementary school. Students have learned the fundamentals of reading and writing and now they build their stamina and skill to proficiently read more complex literature and informational text. Fourth graders will be asked to draw conclusions based on what they read, make inferences, explain what is happening and why using details from the text. Students will work on paraphrasing and elaboration. As writers, students will produce opinion pieces, conduct research projects, write narratives, and explanations using correct grammar, punctuation, spelling, and rich vocabulary.

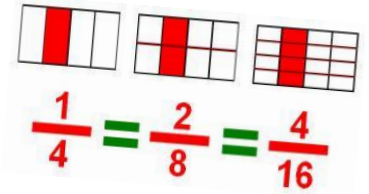


Focus Content Areas

Reading	<ul style="list-style-type: none">*Describing the basic elements of stories characters, events, settings.*Comparing story elements using myths and tales from different cultures*Learn key features of informational text, understand main idea and supporting details; compare and contrast; explain how the author uses facts, details, and evidence to support a particular point of view.
Writing	<ul style="list-style-type: none">*Write summaries or opinions about topic with well organized facts, details, and examples.*Narrative writing with attention to voice and audience*Independently conducting research projects
Speaking and Listening	<ul style="list-style-type: none">*Reporting orally on a topic or telling a story with enough facts and details*Paraphrasing and responding to information in discussions
Language	<ul style="list-style-type: none">*Writing complete sentences with correct capitalization, spelling, and grammar.*Word meaning; synonyms, antonyms, etc.

Daily independent reading in school and at home is an essential component to being a strong reader.

Mathematics



Three Critical Areas of Study

1. Become fluent in multi-digit multiplication and multi-digit division
2. Understand fraction equivalence ($\frac{1}{2} = \frac{4}{8}$), add and subtract fractions, and multiply fractions by whole numbers
3. Describe, analyze, compare, and classify two-dimensional shapes

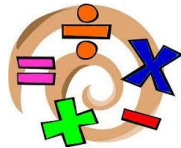
Strategies for Success


- Communicate with your child's teacher; ask questions, share concerns and successes.
- Learn and practice math facts.
- Read and refer to Everyday Math Family Newsletter for vocabulary, skills, and homework help.
- Visit educational math websites for extra practice and support.

www.everydaymathonline.com

www.ixl.com

www.xtramath.org

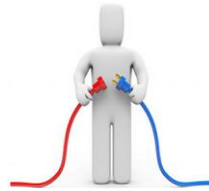


TOPIC	SKILL
Operations and Algebraic Thinking	Solve problems involving four math operations; understand factors and multiples; generate number or shape pattern that follows a given rule.
Number and Operations in Base Ten	Use place value understanding to perform multi-digit arithmetic; extend fact knowledge ($70 \times 100 = 7,000$); know multiplication and related division facts through 12×12 .
Number and Operations in Fractions	Order fractions; find equivalent fractions; build fractions from unit fractions; understand connection between decimals and fractions.
Measurement and Data	Understand angle measurement; convert units of measure to solve problems (e.g. $12 \text{ inches} = 1 \text{ foot}$); answer questions from a data set or graph.
Geometry 	Draw and identify lines and angles; classify shapes using parallel and perpendicular lines, symmetry, angle measures.

Multiplication table up to 12×12 should be mastered by the end of fourth grade.

Suggested Activities to Support Learning at Home

MAKING CONNECTIONS



- ✓ Create a quiet space for your child to study.
- ✓ Set a time every day when your child can concentrate on reading, writing, and math.
- ✓ Make reading a fun part of your child's daily routine. Read together as a family.
- ✓ Keep a diary and/or write stories about interesting pictures or events.
- ✓ Look for word problems in real life...
 - ◆ Share when using math facts (times table, division, or fractions)
 - ◆ Telling time and calculating elapsed time
 - ◆ Using measurements in cooking
 - ◆ Solve problems with money and making change

Learning is enhanced when connections are made between home and school. Real world application brings meaning to school experiences and provides opportunity for practice. Read the weekly Quashnet Newsletter to stay informed of school activities.

GET INVOLVED!

- Talk to your child's teacher about volunteering for special activities and field trips.
- Quashnet School Council – 1 opening for 2012-2013
- Quashnet PTO – see link to Quashnet PTO site on www.mashpee.k12.ma.us - Quashnet School
- Volunteer opportunities – register with Beth Wunder at 508-539-1550 X 4175
- Have lunch with your child during their lunch time or join them for some recess fun. Please sign in at the office.
- Ask questions – share ideas – call or email with concerns.
- Attend Quashnet School events.

Ask questions, stay in contact with your child's teacher, and check his/her daily planner.

Email connections are quick and easy...teacher's first initial, last name @mashpee.k12.ma.us (example: mo'brien@mashpee.k12.ma.us)