



## LITERACY

### WHAT YOUR CHILD SHOULD KNOW AND BE ABLE TO DO

Throughout the school year, 5th grade students will spend the most time working on the following topics. They should understand them well by the end of the year.

#### Reading and writing skills:

- Writing to complete sentences and well developed paragraphs about what they are learning, with mostly correct spelling, grammar, capitalization, and punctuation.
- Reading grade level texts smoothly and with expression, at a **fluency** rate of around 100-150 words per minute.

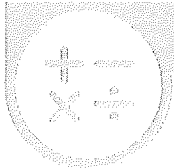
#### Learning about the world through text:

- Asking and answering questions about stories and texts read independently. Using specific evidence to support in depth description, to explain how ideas are connected, and to support inferences about the text.
- Figuring out the meaning of unknown words in text by using context, word relationships, or tools such as dictionaries and glossaries. Determining or clarifying the meaning of unknown words such as **synonyms**, **antonyms**, **idioms**, and words with multiple meanings, based on how they are used in context.
- Linking opinions and reasons or ideas within categories using words and phrases (for example, “consequently,” “specifically,” “in contrast,” “especially”).
- Showing something new they have learned from a text or about a topic. This can be in any form: speaking and conversation, illustrations, letters, journals, stories, posters, or essays.
- Writing in response to text. Children should include an introduction with a simple **thesis statement**, examples that are logically ordered and grouped, a conclusion, and mostly accurate spelling, capitalization, and punctuation.

### EVERYDAY ACTIVITIES TO SUPPORT LEARNING

- Turn on the closed captioning while watching TV to allow your child to read along with the dialogue.
- Encourage your child each day to choose a book they want to read on their own. Reading lots of books over time is more important than the type of text. Let your child pick based on their interests and what makes them excited to read.
- Have “book talk” conversations. Ask your child to share the important ideas in their own words and show you what part of the text provided this information.
- Pick a topic to learn about together. Read books, look online, do things together. You can help your child build knowledge and develop a love of learning.
- Encourage your child to use writing regularly in the real world. This can include authentic writing (grocery lists, notes, chore lists, etc.) as well as writing in a journal, book response notebook, or other creative writing opportunities.



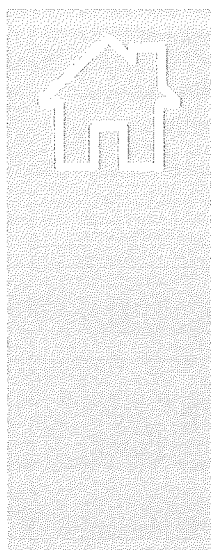


## MATHEMATICS

## WHAT YOUR CHILD SHOULD KNOW AND BE ABLE TO DO

Throughout the school year, 5th grade students will spend the most time working on the following topics. They should understand them well by the end of the year.

- Multiplying multi-digit numbers with ease ( $1,638 \times 753$ ). Dividing multi-digit numbers in cases with a limited number of digits ( $6,951 \div 63 = 110 \frac{1}{3}$ ).
- Adding and subtracting fractions with **unlike denominators** ( $2 \frac{1}{4} - 1 \frac{1}{3}$ ), and solving word problems that include fractions with **unlike denominators**.
- Multiplying fractions and mixed numbers, and dividing fractions in special cases. Solving word problems using these operations. (For example, finding the area of a city block that is  $\frac{1}{3}$  mile long by  $\frac{1}{3}$  mile wide; finding the size of a share if 9 people share a 50-pound sack of rice equally, or if 3 people share  $\frac{1}{2}$  pound of chocolate equally.)
- Adding, subtracting, multiplying, and dividing with decimals to the hundredths place (two places after the decimal).
- Understanding the concept of **volume**, and solving word problems that involve **volume**.
- Graphing points in the **coordinate plane** (two dimensions) to solve problems.



## EVERYDAY ACTIVITIES TO SUPPORT LEARNING

- Reinforce multi-digit multiplication and division practice without the added pressure of time limits by focusing on your child's accurate and efficient attempts ( $4,378 \times 615$ ;  $2,560 \div 24$ ).
- Practice adding and subtracting fractions with **unlike denominators** ( $3 \frac{3}{10} + 7 \frac{2}{5} = 10 \frac{7}{10}$  because  $7 \frac{2}{5}$  is the same as  $7 \frac{4}{10}$ ;  $\frac{7}{8} - \frac{3}{4} = \frac{1}{8}$  because  $\frac{3}{4}$  is the same as  $\frac{6}{8}$ ).
- Practice multiplication and division with fractions. Begin multiplication practice with fractions and whole numbers, before moving on to multiplying a fraction by a fraction.
- Encourage a positive mindset about math in the real world. This can be done by exploring concepts like **volume**. (For example, use a box you have at home and find the volume of that box. This can be a cereal or shoe box.)