



LITERACY

WHAT YOUR CHILD SHOULD KNOW AND BE ABLE TO DO



Throughout the school year, 4th 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 complete sentences and paragraphs about what they are learning, with mostly correct spelling, grammar, capitalization, and punctuation.
- Reading 4th grade level texts smoothly and with expression, at a **fluency** rate of around 90-140 words per minute.

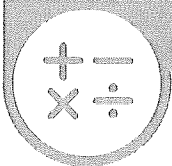
Learning about the world through text:

- Asking and answering questions about stories and texts read independently. Using specific evidence to describe, 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 or tools like dictionaries and glossaries. Determining or clarifying the meaning of unknown words, words with multiple meanings, **synonyms**, **antonyms**, or **figurative language** in context.
- Linking opinions and reasons or ideas within categories using words and phrases to connect ideas (for example, "for instance," "in order to," "in addition," "for example," "also").
- 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 about what happened or information learned from the text. Children should include a title, an introductory sentence or section, well-developed examples, and a conclusion sentence or section. Spelling, capitalization, and punctuation should be mostly accurate.



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.

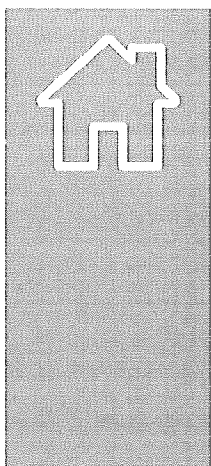


MATHEMATICS

WHAT YOUR CHILD SHOULD KNOW AND BE ABLE TO DO

Throughout the school year, 4th grade students will spend the most time working on the following topics. They should understand them well by the end of the year.

- Using the four operations, solve multi-step word problems that use whole numbers and have whole number answers, including problems where students make sense of remainders. (For example, “Four classes are going on a field trip. The classes each have 28 students. Buses hold 48 passengers. If all of the students, 4 teachers and 4 chaperones are going on the field trip, how many buses will they need?”)
- Adding and subtracting multi-digit numbers with ease ($23,647 - 5,265$).
- Multiplying and dividing multi-digit numbers in problems with a limited number of digits ($1,638 \times 7$ or 24×17 ; $6,966 \div 6$).
- Understanding and applying equivalent fractions (recognizing that $\frac{1}{4}$ is less than $\frac{3}{8}$ because $\frac{1}{4}$ equals $\frac{2}{8}$, and two eighths are less than three eighths).
- Adding, subtracting, and multiplying fractions in simple problems ($2\frac{3}{4} - 1\frac{1}{4}$ or $3 \times \frac{5}{8}$), and solving related word problems that include fractions in context. (For example, you are going to make cookies for a party. You need $\frac{2}{3}$ cup sugar for one batch and decide to make 8 batches, so all your neighbors can have a cookie. How many cups of sugar do you need?)
- Understanding and explaining simple decimals in terms of fractions (rewriting 0.62 as $\frac{62}{100}$).



EVERYDAY ACTIVITIES TO SUPPORT LEARNING

- Practice adding and subtracting (multi-digit numbers) and multiplying and dividing, two digits by two digits (32×68 ; $89 \div 47$) and up to four digits by one digit ($1,200 \times 8$; $1,800 \div 9$).
- Practice adding and subtracting fractions with the same denominator ($\frac{4}{10} + \frac{3}{10}$; $\frac{56}{100} - \frac{22}{100}$).
- Encourage a positive mindset about mathematics in the real world. This can be done by cooking with your child and asking them to help you measure the ingredients for a recipe.
- Read books about division and talk about situations where students use division in real life (<https://www.the-best-childrens-books.org/teaching-division.html>).

