



PARENTS' GUIDE TO Student Success

4TH GRADE

This guide provides an overview of what your child will learn by the end of 4th grade in mathematics and English language arts/literacy. It focuses on the key skills your child will learn in these subjects, which will build a strong foundation for success in the other subjects he or she studies throughout the school year. This guide is based on the new Common Core State Standards, which have been adopted by more than 40 states. These K–12 standards are informed by the highest state standards from across the country. If your child is meeting the expectations outlined in these standards, he or she will be well prepared for 5th grade.

WHY ARE ACADEMIC STANDARDS IMPORTANT?

Academic standards are important because they help ensure that all students, no matter where they live, are prepared for success in college and the workforce. They help set clear and consistent expectations for students, parents, and teachers; build your child's knowledge and skills; and help set high goals for all students.

Of course, high standards are not the only thing needed for our children's success. But standards provide an important first step — a clear roadmap for learning for teachers, parents, and students. Having clearly defined goals helps families and teachers work together to ensure that students succeed. Standards help parents and teachers know when students need extra assistance or when they need to be challenged even more. They also will help your child develop critical thinking skills that will prepare him or her for college and career.

HOW CAN I HELP MY CHILD?

You should use this guide to help build a relationship with your child's teacher. You can do this by talking to his or her teacher regularly about how your child is doing — beyond parent-teacher conferences.

At home, you can play an important role in setting high expectations and supporting your child in meeting them. If your child needs a little extra help or wants to learn more about a subject, work with his or her teacher to identify opportunities for tutoring, to get involved in clubs after school, or to find other resources.

THIS GUIDE INCLUDES

- An overview of some of the key things your child will learn in English/literacy and math in 4th grade
- Ideas for activities to help your child learn at home
- Topics of discussion for talking to your child's teacher about his or her academic progress

English Language Arts & Literacy

Building the stamina and skills to read challenging fiction, nonfiction, and other materials is fundamental in 4th grade. Your child will continue to learn about the world as well as build vocabulary skills by reading more complicated stories and poems from different cultures and a range of books on history, science, art, and music. Fourth grade students also will make important strides in their ability to explain plainly and in detail what a book says — both explicitly and what is implied from its details. By 4th grade, your child will be writing effective summaries, book reports, and descriptions of characters or events that use correct grammar and punctuation.

A Sample of What Your Child Will Be Working on in 4th Grade

- Describing the basic elements of stories — such as characters, events, and settings — by drawing on specific details in the text
- Paying close attention to key features of informational books and articles: these include understanding the main and supporting ideas; being able to compare and contrast information; and explaining how the author uses facts, details, and evidence to support particular points
- Comparing ideas, characters, events, and settings in stories and myths from different cultures
- Writing summaries or opinions about topics supported with a set of well-organized facts, details, and examples
- Independently conducting short research projects on different aspects of a topic using evidence from books and the Internet
- Paraphrasing and responding to information presented in discussions, such as comparing and contrasting ideas and analyzing evidence that speakers use to support particular points
- Reporting orally on a topic or telling a story with enough facts and details
- Writing complete sentences with correct capitalization and spelling
- Relating words that are common in reading to words with similar meanings (*synonyms*) and to their opposites (*antonyms*)

Talking to Your Child's Teacher

Keeping the conversation focused.

When you talk to the teacher, do not worry about covering everything. Instead, keep the conversation focused on the most important topics. In 4th grade, these include:

- Comprehending a range of grade-level stories, poems, and informational texts such as biographies, articles, or guidebooks about history, science, or the arts
- Building understanding of relationships between words and nuances in word meanings — *synonyms*, *antonyms*, *idioms* — and using this knowledge to convey ideas precisely

Ask to see a sample of your child's work. Ask the teacher questions such as: Is this piece of work satisfactory? How could it be better? Is my child on track? How can I help my child improve or excel in this area? If my child needs extra support or wants to learn more about a subject, are there resources to help his or her learning outside the classroom?

Mathematics

In 4th grade, your child will gain important new skills while continuing to build on what he or she learned the previous year. One of the main areas studied in 4th grade is arithmetic and applying it to solve problems. This is an important life skill, and your child should make significant strides in this area during the year. Your child will also build knowledge and skills with fractions to prepare for mastering this topic in 5th and 6th grades. These skills will help ensure your child is ready for algebra and advanced math.

A Sample of What Your Child Will Be Working on in 4th Grade

- Using whole-number arithmetic to solve word problems, including problems with remainders and problems with measurements
- Adding and subtracting whole numbers quickly and accurately (numbers up to 1 million)
- Multiplying and dividing multi-digit numbers in simple cases (e.g., multiplying $1,638 \times 7$ or 24×17 , and dividing 6,966 by 6)
- Understanding and applying equivalent fractions (e.g., recognizing that $\frac{1}{4}$ is less than $\frac{3}{8}$ because $\frac{3}{8}$ is less than $\frac{3}{4}$)
- Adding, subtracting, and multiplying fractions in simple cases (such as $2\frac{3}{4} - 1\frac{1}{4}$ or $3 \times \frac{5}{8}$), and solving related word problems
- Understanding simple decimals in terms of fractions (e.g., rewriting 0.62 as $\frac{62}{100}$)
- Measuring angles and finding unknown angles in a diagram

Keeping the conversation focused.

When you talk to the teacher, do not worry about covering everything. Instead, keep the conversation focused on the most important topics. In 4th grade, these include:

- Doing arithmetic and solving word problems with multi-digit numbers
- Doing arithmetic and solving word problems with fractions

Ask to see a sample of your child's work. Ask the teacher questions such as: Is this piece of work satisfactory? How could it be better? Is my child on track? How can I help my child improve or excel in this area? If my child needs extra support or wants to learn more about a subject, are there resources to help his or her learning outside the classroom?

**Talking to
Your Child's
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