



SHAKER HEIGHTS CITY SCHOOL DISTRICT
Shaker Heights, Ohio
www.shaker.org

What Your Child Will Learn in Third Grade

A Parent's Guide to Common Core Standards in Mathematics and Language Arts

The Shaker curriculum in math and language arts is based on the Ohio Common Core standards. These standards are designed to reflect the skills that young people will need for success in college, careers, and adult life. Implementation of the standards will occur in stages over the next few years.

Adapted with permission from *K-8 California's Common Core Standards Parent Handbook*
California County Superintendents Educational Services Association

Grade 3 Overview | English Language Arts

Third grade students are confident readers, able to sound out words, read with expression and make meaning when engaging with literature and nonfiction text. They compare and contrast stories; they discuss a point of view and compare it with the author's; and they can describe a series of events, ideas, or concepts. Compared to second grade, third grade writing is more sophisticated. Students produce developed, focused, organized, and edited work. When writing informational pieces, they include charts or graphs and supply facts. Students learn how to take notes and begin to conduct basic research in third grade.

Reading

- Read and understand literature
 - Ask and answer questions to understand literature; refer to the text to show understanding of the answers
 - Retell a story in sequence; include the main idea and key details(characters, plot, setting)
 - Explain how key details in a story support the story's main idea
 - Use the craft and structure of literary text
 - Point of view
 - Chapters
 - Literal and non-literal language
 - Illustrations
 - Vocabulary
 - Compare and contrast stories
- Read and understand nonfiction
 - Ask and answer questions to understand informational text; refer to the text to show understanding of the answers
 - Use the craft and structure of nonfiction text
 - Point of view
 - Chapters
 - Literal and non-literal language
 - Illustrations
 - Vocabulary
 - Compare and contrast ideas and details in informational text
- Describe a series of events, ideas or steps in a procedure

Reading: Foundational Skills

- Read with sufficient accuracy and fluency to support comprehension of grade-level texts
- Use grade-level phonics and word analysis skills to decipher words
- Determine and clarify the meaning of unknown words and phrases

Writing

- Write opinion pieces with reasons that support the opinion
- Write informative pieces that explore a topic and clearly share ideas and information
- Write effective narrative pieces about real or imagined events; include description, details and clear sequence
- Proofread, edit and revise
 - Consider spelling, grammar and punctuation
 - Consider organization, clarity and meaning
 - Consider sentence structure (simple, compound and complex)

Speaking and Listening

- Participate in and contribute to collaborative discussions
- Plan and deliver an informative report

Language

- Use correct grammar, capitalization and punctuation
- Use spelling strategies to spell unknown words
- Correctly spell common words
- Explain the function of nouns, pronouns, verbs, adverbs and adjectives

Research

- Conduct research projects that build knowledge of a topic
- Use print and digital sources (examples: books, internet) to gather information

Grade 3 Overview | Mathematics

Third grade students develop an understanding of multiplication and division within 100. Place value understanding is used for multi-digit computation and estimation. Fractions are introduced in third grade. Emphasis is placed on understanding fractions as numbers and their relative placement on a number line. Students solve problems that involve comparing fractions. In third grade, students understand concepts of area and perimeter and solve problems using liquid volume and mass.

- Solve multiplication and division word problems
- Understand the properties of multiplication
 - Commutative property of multiplication:
If you know $6 \times 4=24$, then you know that $4 \times 6=24$
 - Associative property of multiplication:
 *$3 \times 5 \times 2$ can be found by:
 $3 \times 5=15$, then $15 \times 2=30$,
or
 $5 \times 2=10$, then $3 \times 10=30$*
 - Distributive property of multiplication:

	If	$8 \times 5=40$
	and	$8 \times 2=16$
	then	8×7 is
	the same as:	$8 \times (5+2)$
	which can be rewritten as	$(8 \times 5) + (8 \times 2)$
	which becomes	$40+16=56$
	Just to check, get out your calculator and you will find that	8×7 is 56!

- Multiply and divide within 100
- Solve word problems with addition, subtraction, multiplication, and division
- Understand that multiplication and division are related
- Round numbers to the nearest 10 or 100
- Estimate reasonable answers using place value knowledge
- Solve multi-step problems using the four operations (add, subtract, multiply, divide)
- Identify patterns in arithmetic
- Understand fractions as part of a whole
- Recognize simple equivalent fractions
- Compare two fractions with the same numerator or the same denominator
- Tell and write time to the nearest minute
- Estimate and measure time, volume, and weight
- Understand area and perimeter

- Understand that shapes in different categories can also be in a larger category

