

WHAT WILL MY 4TH GRADER LEARN?

English Language Arts

Children will continue to build important reading, writing, speaking, and listening skills. They will read more challenging literature, articles, and other sources of information and continue to grow their vocabulary. They will also be expected to clearly explain in detail what they have read by referring to details or information from the text. Activities in these areas will include:

Reading: Identifying the theme/main idea of a story, play, poem, or nonfiction piece; comparing ideas across several texts.

Other Ways to Find, Organize & Present Information: Understanding how information is organized in textbooks, articles, charts, graphs, timelines, and illustrations; taking advantage of how information is organized to effectively read and create written, oral and digital presentations.

Rules of Spoken and Written English: Grammar; parts of speech; correctly using frequently confused words (too, two, two; their, there, they're); correct capitalization and punctuation (commas and quotation marks).

Oral Language: Giving a class presentation on a topic or telling a story using relevant, organized facts and details and speaking clearly.

Writing: Organizing information from books, articles, and online sources to learn more about a topic; writing stories with dialogue and descriptions of character's actions thoughts, and feelings, as well as event order; Writing research/opinion papers, making sure to use relevant organized facts and details.

How can I help my child at home?

Reading and Writing:

- Provide time and space for your child to read independently, free from distractions such as television/video games.
- Treat your child like a reading expert, no matter what kinds of books they love to read.
- Read your own books, magazines, or newspapers when your child is reading.
- Keep reading aloud to your child (to strengthen his vocabulary, comprehension, and listening skills, as well as his enjoyment of reading).
- Read and discuss books, articles or internet stories together by using websites found on Manchester K-8 Resource Page.
- Have your child write letters and/or cards to family and friends, telling about an important event in their life, recent trip, or something important to them.

Mathematics:

- Arrange equal groups with objects using everyday items such paper cups, snacks, etc. Look for examples of things that show arrangements and various area measures (rugs, tables, paper).
- Practice skip counting (3,6,9,12,15...). Use a multiplication chart with your child to look for patterns as they skip count. Practice basic multiplication and division facts within 144.
- Play math games with your child. For example, "I'm thinking of two numbers whose product (answer to a multiplication problem) is between 400 and 500. How many pairs can you think of that would answer this problem?" Have your child explain or show their answers.
- Encourage your child to talk about numbers in different ways. For example, "What are some different ways to make 50,000?"
- Use everyday objects to allow your child to explore the concept of fractions. Extend what your child knows about fractions to explore equivalent fractions, order and compare fractions, and add and subtract fractions. For example, use measuring cups to have your child demonstrate how many $\frac{1}{3}$'s are in a whole, how many $\frac{1}{4}$ cups you need to make 1 $\frac{1}{4}$ cups, and how many times you have to refill a $\frac{1}{2}$ cup measure to make 1 $\frac{1}{2}$ cups.
- Refer to decimals as fractions in the tenths and hundredths place. Example, 0.5 is $\frac{5}{10}$ and $\frac{1}{2}$.

Mathematics

Children will use addition, subtraction, multiplication, and division to solve word problems. Your child will continue to build understanding of fractions—creating equal fractions, comparing the size of fractions, adding and subtracting fractions, and multiplying fractions by whole numbers. Children will also start to understand the relationship between fractions and decimals. Activities in these areas will include:

Place Value: Extending place value understanding for multi-digit whole numbers up to a million.

Four Operations and Whole Numbers: Adding and subtracting whole numbers up to 1 million quickly and accurately; multiplying and dividing multi-digit numbers; using 4 operations with whole numbers to solve problems.

Fractions: Extending understanding of fractions by comparing the size of two fractions with different numerators (top numbers) and different denominators (bottom numbers); creating equal fractions ($\frac{3}{4} = \frac{6}{8}$); adding and subtracting fractions with the same denominator; building fractions from smaller fractions ($\frac{3}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$).

Geometry: Measuring angles in whole number degrees using a protractor; drawing points, lines, line segments, rays, angles, perpendicular and parallel lines; classifying 2-D shapes based on their parallel and/or perpendicular lines and angles.

Measurement: Solving multi-step word problems involving measurement and converting measurements from larger to smaller units, (for example 1 foot = 12 inches).

Decimals: Converting fractions with denominators of 10 or 100 into decimals; locating decimals on a number line; comparing decimals and fractions using the symbols > (greater than), = (equal to), and < (less than).

