



Fourth Grade Roadmap for Parents Key Signs of Student Success

English Language Arts READING



“Read like a Detective”

I can read and understand literature (stories, dramas, poems, and myths) and informational text (science, social studies/history, and technical texts), and:

- Read closely and cite evidence (details and examples) from a text to explain explicit details (details found “on the page”), and to make and justify inferences (ideas or conclusions based on sound reasoning).
- Determine the theme (central idea) of a story, drama, or poem and summarize the text, using key details.
- Determine the main idea (what the text is mostly about) of informational text and summarize the text, using key details.
- Describe in detail the characters, setting, and plot (main events and/or conflict and resolution) in a story or drama.
- Determine the meaning of words and phrases and the way they are used in literary or informational texts.
- Explain the meaning of figurative language, e.g., *similes* (“as busy as a bee”), *metaphors* (“you are what you eat”), and *idioms* (“a penny for your thoughts”).
- Compare and contrast:
 - Point of view (first-person and third-person) in literature,
 - Firsthand and secondhand accounts of the same event or topic,
 - Similar themes and events in stories from different cultures, and
 - The structure of different types of texts, e.g., *literature (stories, poems, and dramas)* and *informational text (science and social studies/history)*.
- Explain an author’s use of reasons and evidence to support the points in a text.
- Integrate (put together) information from two texts on the same topic in order to write or speak about the subject.

I can apply word analysis skills and reading comprehension strategies to fluently read and understand fourth-grade texts, including:

- Using knowledge of root words, prefixes and suffixes to read unfamiliar multisyllabic words in context and out of context.
- Using context to read and understand familiar and unfamiliar words and to self-correct mistakes.
- Reading fourth-grade texts with fluency (speed, accuracy, and expression) and with comprehension.

I can practice these reading and thinking skills in school and at home:

- Read as much non-fiction as fiction.
- Learn about the world and get smarter in Science and Social Studies through reading.
- Read closely (re-read, read aloud, ask and answer questions, annotate), and persevere (“stick with it”) to read complex text.
- Discuss and write about reading, using evidence to support opinions/arguments.
- Increase my academic vocabulary, through reading, discussing, and writing.

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English Language Arts WRITING

I can use daily writing for extended periods of time, as a tool for learning, collaborating, and communicating, by:

- Writing multi-paragraph compositions with a clear and logical organization about:
 - Opinion pieces, supporting a point of view with reasons and information,
 - Informative/explanatory texts to examine a topic and clearly communicate ideas and information, and
 - Narratives of real or imagined experiences with descriptive details.
- Producing functional writing, e.g., *responses to prompts on reading, mathematics, writing, and science assessments, friendly and formal letters, recipes, experiments, and invitations.*
- Using the writing process (plan, revise, and edit), with support from peers or adults, to strengthen my writing.
- Using technology (including the Internet) with some support from adults to:
 - Research information from a variety of sources,
 - Communicate and collaborate with others, and
 - Conduct and publish short research and writing projects.
- Writing to take notes from sources in literature, mathematics, science, and social studies/history.



SPEAKING LISTENING

I can use academic speaking and listening skills to collaborate, communicate, and present knowledge and ideas, by:

- Engaging in different types of collaborative discussions (large and small groups, and precision partnering) about grade 4 topics and texts, by:
 - Explaining my ideas,
 - Making connections between my ideas and the ideas of others, and
 - Asking or answering questions.
- Paraphrasing (restating in my own words) portions of a text read aloud or information from media in visual, quantitative, and oral formats.
- Identifying the reasons and evidence a speaker gives to support particular points.
 - Orally reporting on a topic, telling a story, or recounting an experience with facts and details, in an organized manner, and using visual displays and/or media when appropriate.
 - Speaking clearly, in complete sentences, using formal English, appropriate to the task and situation.



LANGUAGE

I can use second-grade academic vocabulary and language conventions (capitalization, punctuation, and spelling) to speak and write correctly, including:

- Producing correct and complete simple, compound, and complex sentences, and correcting fragments and run-on sentences.
- Clarifying the meaning of new words and multiple-meaning words by choosing flexibly from a range of strategies, such as: using context clues, synonyms, antonyms, the meaning of Greek and Latin prefixes, suffixes, and root words, and using reference materials, e.g., *dictionaries, glossaries, and thesauruses, both print and digital.*

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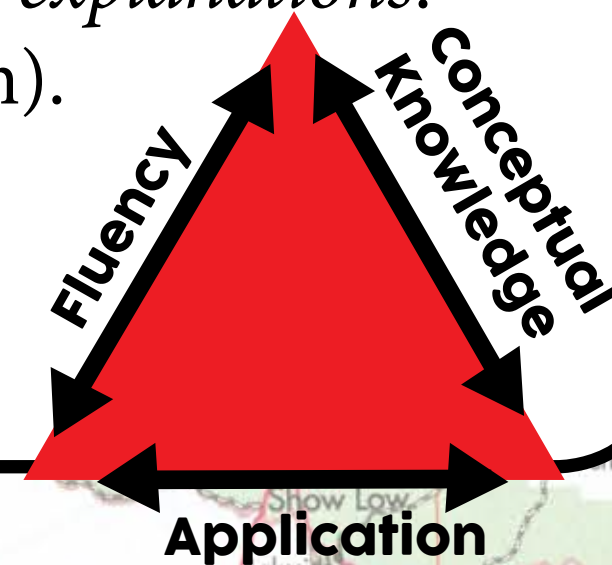
MATHEMATICS

Be a
**Flexible
Problem Solver**



I can practice these mathematical and thinking skills in school and at home:

- Make sense of problems and work to solve them without giving up.
- Think and talk about numbers and number relationships, fluently and flexibly (in multiple ways).
- Use evidence to explain my thinking and to clarify the thinking of others.
- Show and explain my work in multiple ways, e.g., *numbers, pictures, and written explanations*.
- Choose math tools strategically (using the best tool to efficiently solve a problem).
- Use precision (exact vocabulary, labels, examples).
- Look for and use patterns to solve problems.
- Look for and explain rules and repeated reasoning.



**I can fluently
add, subtract, multiply, and divide
multi-digit, whole numbers to solve two-
step word problems, including:**

- Fluently (automatically and accurately) adding and subtracting numbers within 1,000,000 using place value strategies.
- Flexibly solving multi-step word problems and multiplying multi-digit numbers, using drawings and equations.
- Dividing four-digit numbers (dividends) by a one-digit number (divisor) to find the quotient, including a remainder, and explaining the meaning of the remainder.
- Explaining place values in large numbers, e.g., *7000 x 10 = 70,000 because the value of 7 in 70,000 is ten times more than the value of 7 in 7000.*
- Finding all of the factors for a number between 1 and 100, e.g., *1, 2, 5, 10 are factors of 10.*
- Identifying the multiples of a one-digit number, e.g., *multiples of 2 include 4, 6, 8, etc.*
- Explaining and using number relationship patterns to predict or find an unknown quantity.

**I can solve word problems with fractions
and decimals, by:**

- Composing (putting together) fractions from unit fractions, e.g., *1/2 and 1/4 make 3/4.*
- Recognizing and producing equivalent fractions, e.g., *15/9 = 5/3.*
- Using equivalent fractions to add and subtract fractions and mixed numbers with like denominators.
- Multiplying a fraction by a whole number.
- Changing a fraction to a number written as a decimal, e.g., *62/100 = 0.62.*
- Locating fractions and decimals on a number line and putting them in order.
- Comparing decimals and fractions using symbols, e.g., *< (less than), > (more than), = (equal to).*

**I can use measurement and data to
solve multi-step word problems, including:**

- Converting (changing) metric and U.S. customary measurements, e.g., *changing a larger unit of measurement to a smaller unit of measurement (1 yard = 36 inches and 1 meter = 100 centimeters).*
- Solving word problems about measurement of distance, time, money, liquid volume, and mass of objects.
- Applying the formulas for area and perimeter in real-world problems.
- Creating line plots of measurements in fractions and using them to solve problems.

**I can describe, analyze, compare, and
categorize geometrical shapes
including:**

- Classifying shapes by the types of lines and angles.
- Locating the line of symmetry in a two-dimensional figure.