

USD 503 THIRD GRADE GOALS



By the time your child has completed third grade, the things he or she will be expected to know and be able to do are:

READING

Use decoding skills that include knowledge of phonics and structural analysis when reading unknown words.

Use knowledge of punctuation to read fluently.

Read expressively with appropriate pace, phrasing, intonation, and rhythm of speech.

Use knowledge of sentence structure and word-recognition skills to read fluently.

Adjust reading rate to support comprehension when reading narrative, expository, and technical texts.

Expand sight word vocabulary.

Determine the meaning of unknown words or phrases using context clues from sentences and paragraphs.

Identify and use synonyms, antonyms, and homophones to determine the meaning of words.

Use a dictionary or glossary to determine an appropriate definition of a word.

Use knowledge of word structure to determine meanings of unknown words:

- compound nouns
- contractions
- root words
- prefixes and suffixes.

Identify the difference between literal and figurative language when reading metaphors, similes, and idioms.

Recognize the differences between:

- narrative text
- expository text
- technical text
- persuasive text.

Understand and use text features (e.g., title, charts, table of contents, boldface type, italics, glossary) to locate information.

Use prior knowledge and content to make, revise, and confirm predictions.

Ask and answer literal, inferential, and critical thinking questions before, during, and after reading text.

Use information from the text to make inferences and draw conclusions.

Identify text structure (sequence, problem-solution, comparison-contrast, description, cause-effect).

Sequence events and information in logical order.

Compare and contrast information in a text.

Link causes and effects in narrative and expository texts.

Identify topics, main ideas, and supporting details.

Retell main ideas or events as well as supporting details in narrative and expository texts.

Distinguish between fact and opinion in various texts.

Explain the author's purpose.

Establish a purpose for reading or listening.

Identify and describe characters' traits and actions.

Identify and describe the setting of the story or literary text.

Identify plot sequence.

Read to connect personal experiences and ideas with those of other cultures in literature.

Compare and contrast various languages, traditions, and cultures found in literature.

Make connections between specific aspects of literature from a variety of cultures and personal experiences.

WRITING

Write narrative, expository, and technical texts.

Choose and write about an idea and occasionally write about a given prompt.

Develop one clear main idea with supporting details.

Discuss what constitutes plagiarism.

Use a variety of prewriting strategies.

Recognize and use nouns, verbs, and adjectives in writing.

Use correct noun/pronoun agreement, verb tenses, and subject/verb agreement.

Choose words that are appropriate for purposes and audiences.

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Begin to use transitions to allow ideas to flow smoothly within the writing piece

Recognize an incomplete thought.

Capitalize proper nouns and the beginning of sentences using correct punctuation.

Correctly spell high frequency words.

Attempt correct paragraph divisions to reinforce the organizational structure.

Write a piece in sequential order.

Practice writing using personal experience, observations, and prior knowledge (narrative).

Share emotions about the topic with an awareness of the reader (narrative).

Begin to use dialogue (narrative).

Write a piece with an introduction, body, and conclusion (narrative, expository).

Write complete sentences that vary in length, have different beginnings, and are easy to read aloud (narrative, expository).

Write paragraphs with topic sentences and supporting details (narrative, expository).

Write by using personal experience, observations, and begin to incorporate information from varied resources and formally recognize sources (expository).

Express information in own words using details and complete sentences (expository).

Give credit to the author, title, or Web site (expository).

Construct a simple bibliography with author and title (expository).

Write feelings and thoughts about the topic with the purpose of informing the reader (expository).

Write paragraph or list about one idea (technical).

Attempt to write with authority (technical).

Choose words that are accurate and make the message clear (technical).

Write compact sentences or phrases that make the point clear (technical).

Use graphic devices (technical).

MATH

Know, explain, represent, compare, and order:

-whole numbers 0 through 10,000 with and without concrete objects

-fractions greater than or equal to zero with like denominators (halves, fourths, thirds, eighths, tenths, sixteenths) with concrete objects

-decimals greater than or equal to zero through tenths place with concrete objects.

Know, explain, and use equivalent representations with models for:

-addition and subtraction of whole numbers

0 through 1,000 ($144 + 236 = 300 + 80$)

-multiplication using basic facts through the 5's, and the 10's facts ($3 \times 2 = 4 + 2$)

-addition and subtraction of money (three half dollars is equal to $50¢ + 50¢ + 50¢$).

Determine the value of mixed coins and bills with a total value of \$50 or less.

Identify, read, and write numbers using numerals, words, and expanded form from tenths place through ten thousands place.

Identify whole numbers through 1,000 as even or odd.

Identify the place value of digits from tenths place to one hundred thousands place.

Classify subsets of numbers as whole numbers, fractions (including mixed numbers), or decimals.

Use these properties with whole numbers 0 through 100:

-order properties of addition and multiplication:

$3+2 = 2+3$ or $3 \times 6 = 6 \times 3$

-zero property of addition: $4+0=4$

-property of one for multiplication: $1 \times 3 = 3$

-associative property of addition: $(3+2) + 4 = 3 + (2+4)$

-symmetric properties of addition and multiplication:

$10=2 + 8$ is the same as $2 + 8= 10$

-zero property of multiplication: $9 \times 0 = 0$.

Divide whole numbers 0 through 99,999 into groups of 10,000's, 1,000's, 100's, 10's, 1's with base ten models.

Estimate whole number quantities 0 through 1,000, fractions (halves, fourths), and monetary amounts through \$500.

Recognize and explain the difference between an exact and an approximate answer.

State and use basic multiplication facts through 5's, the 10's facts and the corresponding division facts.

Skip count (multiples) by 2's, 3's, 4's, 5's, and 10's.

Add and subtract whole numbers 0 through 10,000.

Multiply whole numbers with one factor 5 or less and the other factor a multiple of 10 through 1,000 with and without concrete objects.

Add and subtract money through \$500.

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Fair share (divide) a total amount of concrete objects (through 100) into equal groups.

Explain the relationship between addition and subtraction.

Identify multiplication and division fact families through the 5's and families of 10's facts.

Read and write the same addition, subtraction, multiplication, or division expression horizontally, vertically, and with different operational symbols (4×3 is the same as $4 \cdot 3$).

Use concrete objects and drawings to work with types of patterns:

- AB (1-2, 1-2...)
- ABC (1-2-3, 1-2-3...)
- AAB (1-1-2, 1-1-2...)
- growing pattern (7, 9, 11...).

Generate patterns with attributes:

- counting numbers (odds, evens, skip counting)
- increasing or decreasing numbers (11, 22, 33...)
- geometric shapes with one attribute change
- measurements
- money, and time
- things related to daily life (seasons, weather)
- things related to size, shape, color, texture, movement.

Identify and continue a pattern presented in various formats:

- numeric list or table
- visual (picture, table, or graph)
- verbal
- written
- movement.

Generate repeating, growing, and input/output table patterns.

Explain and use symbols to represent unknown numbers from 0 through 1,000.

Find sums and differences in one-step equations with numbers 0 through 99 and money value through a dollar ($89 = 76 + y$).

Find the unknown in multiplication and division fact families ($3 \times n = 9 \times 2$).

Compare two whole numbers 0 through 1,000 using =, <, >.

State mathematical relationships between whole numbers 0 through 200 (every time a quarter is added, 25¢ is added).

Find the values and determine the rules that involve addition and subtraction of whole numbers 0 through 200 using input/output tables.

State the rule for numerical patterns using whole numbers 0 through 200 with one addition or subtraction operation (if the pattern is 30, 50, 70...then the rule is add twenty to the number before).

Use an input/output table to identify and plot ordered pairs in the first quadrant of a coordinate plane.

Know, explain and use models to represent mathematical concepts:

- concrete objects
- pictures
- number lines
- hundred charts
- coordinate planes
- measurement tools
- multiplication arrays
- division sets
- money models
- place value models
- fraction models
- input/output tables
- geometric models
- graphs
- frequency tables
- line plots
- Venn diagrams.

Create a mathematical model to show the relationship between two or more things.

Recognize, draw, describe, and investigate the properties of circles, squares, rectangles, triangles, ovals, rhombi, and octagons.

Recognize and describe the square, triangle, rhombus, hexagon, parallelogram, and trapezoid from pattern blocks.

Recognize cubes, rectangular prisms, cylinders, cones, and spheres.

Recognize and describe a quadrilateral as any four-sided figure.

Determine and draw lines of symmetry in geometric shapes and real-world objects.

Use whole number estimates for length, width, weight, volume, temperature, time, and perimeter using standard and nonstandard units.

Select, explain the selection of, and use measurement tools to measure:

- length, width, and height to the nearest half inch, inch, foot, yard centimeter, meter, and nonstandard unit
- weight to the nearest nonstandard unit
- volume to the nearest cup, pint, quart, gallon, or liter
- temperature to the nearest degree.

Read and tell time to the nearest minute using analog and digital clocks

State the number of:

- hours in a day, days in a year
- inches in a foot and yard, feet in a yard
- centimeters in a meter
- number of cups in a pint, pints in a quart, quarts in a gallon.

Find the perimeter of squares, rectangles, and triangles given the measures of all sides.

Know and use cardinal points (north, south, east, west) and intermediate points (e.g., northeast, southwest).

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Recognize and perform one transformation (flip, turn, slide).

Use a number line to model basic multiplication facts through 5's and the 10's facts.

Identify points as ordered pairs on a coordinate plane using two positive whole numbers or a letter and a positive whole number.

Recognize whether an outcome is impossible, possible, certain, likely, unlikely, or equally likely.

List some of the possible outcomes of a simple event.

Organize, display, and read data in a variety of types of displays:

- graphs using concrete objects
- pictographs
- tally mark tables
- horizontal and vertical bar graphs
- Venn diagrams
- charts and tables
- line plots.

Collect data and explain the results.

Using numbers 0 through 1,000 find:

- minimum and maximum values
- range
- mode
- median, with an odd number of data points.

Solve real-world problems.

SOCIAL STUDIES

Explain the purpose of rules and laws and why they are important in a community.

Explain the necessity of rules in order to provide public safety in a free and orderly society.

Understand that civic values are influenced by people's beliefs and needs (e.g., need for safety, health, and well-being).

Recognize that citizenship has rights, privileges, and civic responsibilities (e.g., community service, voting).

Understand the importance of communicating ideas to community leaders (e.g., expressing the need for a new park).

Define government as people or groups who make, apply, and enforce rules and laws for others within a family, school, or community.

Identify people or groups who make, apply, and enforce rules or laws within a family, school, or community.

Know that there are not enough available resources to satisfy all wants for goods and services.

Identify and give examples of markets that occur when buyers and sellers exchange goods and services in the community.

Know that when borrowing money the consumer is receiving credit that must be repaid.

List goods and services in the community that are paid for by taxes (e.g., roads, parks, schools, fire protection).

Analyze how needs and wants are met through spending and saving decisions.

Identify consequences of borrowing and lending.

Give an example of income and how the money was spent or saved.

Apply geographic tools, including grid systems, symbols, legends, scales and compass rose to construct and interpret maps.

Use a data source as a tool (e.g., graphs, charts, tables).

Identify and give examples of the difference between political and physical features on a map.

Locate the oceans and continents.

Compare characteristics of urban, suburban, and rural areas.

Discuss reasons for the particular locations in a community are used for certain human activities.

Locate major political features(e.g., Los Angeles, his/her county and county seat, his/her neighboring cities).

Identify the physical characteristics of the local community (e.g., landforms, bodies of water).

Compare various ecosystems in the community.

Examine how people in his/her community interact with people in other communities in Kansas.

Discuss the consequences of human modifications in his/her community on the environment over time (e.g., mining, chemical uses, community development).

Identify ways in which human activities are impacted by the physical environment (e.g., types of housing, agricultural activities, clothing, recreation, jobs).

Research the contributions of historical and current day individuals significant in his/her community.

Compare life in his/her community with another community.

Retell the history of the community using local documents or artifacts.

Explain customs related to holidays and ceremonies celebrated by specific cultural groups in Kansas (e.g., Christmas, Cinco de Mayo, Hanukkah, Kwanzaa, Ramadan).

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Locate and explain the importance of landmarks and historical sites within the local community or his/her region of Kansas.

Describe various cultures by studying dance, music, folklore, and arts of ethnic groups within his/her community or region of Kansas.

Create and uses timelines to illustrate a community's history.

Locate information about communities from a variety of sources.

Use information to frame important historical questions.

Observe and draw conclusions in his/her own words.

Identify and compare information from primary and secondary sources.

Use research skills.

SCIENCE

Ask questions that he/she can answer by investigating.

Plan and conduct a simple investigation.

Use appropriate equipment, tools, and safety procedures to gather data.

Communicate, critique, analyze his/her own investigations, and interpret the work of other students.

Observe and measure properties of objects.

Describe and classify objects by more than one property.

Observe and record how one object interacts with another.

Recognize and describe the differences between solids, liquids, and gases.

Describe locations of objects.

Discriminate between sounds made by different objects and various pitches.

Identify that the source of sound is vibrations.

Demonstrate that magnets attract and repel.

Design a simple experiment to determine whether various objects will be attracted to magnets.

Observe organisms and compare and contrast different structural characteristics and the functions of these structures.

Compare basic needs of different organisms in their environment.

Compare, contrast, and ask questions about life cycles of various organisms.

Collect, observe properties, and classify a variety of earth materials in his/her environment.

Observe fossils and discuss how fossils provide evidence of plants and animals that once lived.

Describe the motion of the moon and stars.

Observe and compare the length of shadows.

Identify a simple design problem.

Discuss that science is a way of investigating questions.

Work with others to solve problems.

Develop an awareness that women and men of all ages, backgrounds, and ethnic groups engage in a variety of scientific and technological work.

Investigate how scientists use tools to observe.

Discuss that safety involves freedom from danger, risk, or injury.

Assume some responsibility for his/her own health.

Discuss the nutritional value of various foods and their contribution to health.

Observe historical samples of people in science who have made contributions.