

Rincon Valley Union School District

DISTRICT PERFORMANCE STANDARDS



EXCELLENCE IN EDUCATION

MISSION STATEMENT

The Rincon Valley Union School District
pursues excellence in education
within a challenging curriculum
by providing an
academic foundation
which emphasizes the mastery of basic skills
and
by promoting the
development of positive character traits
which enable students to make
responsible decisions.

SUPERINTENDENT'S MESSAGE

The Rincon Valley Union School District is committed to providing a quality rigorous and relevant education to all of our students. To ensure that we meet our goal, we have identified essential standards in kindergarten through sixth grade. Our standards focus instruction on what is important and raise student achievement by making expectations clearly to parents and students. Standards for each grade level are clearly stated in this pamphlet so you will know what your child's teacher will focus on during the coming school year.

Our assessment tools provide specific information about how well your child is doing in meeting the standards. If we identify that your child is falling behind, we will meet with you to establish an intervention plan which will provide extra support in the areas where your child is having difficulty. If it becomes necessary, your support of the recommended intervention plan is essential, and this assistance will give your child every opportunity to master grade level standards that are important to his or her future success in school.

Our target of having all children successfully master their grade level standards can only be accomplished if we work together. We need your involvement and support if we are truly going to make a difference in the lives of your children.

Casey D'Angelo

District Superintendent

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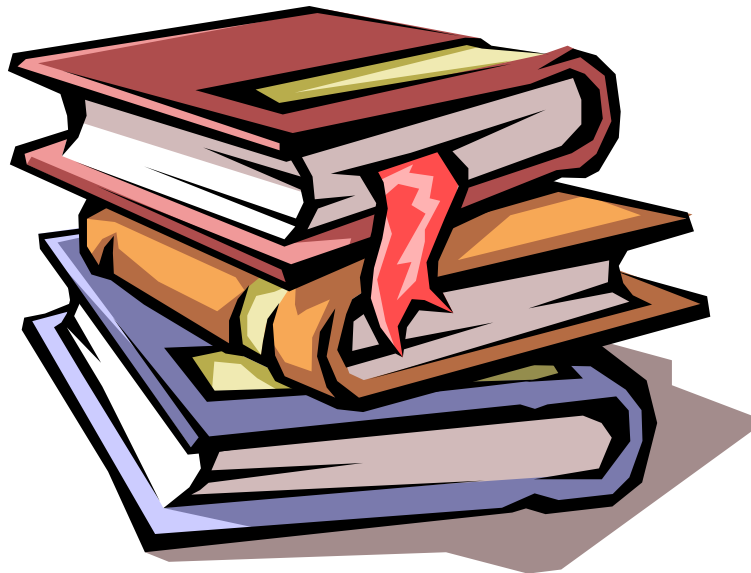
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READING and LANGUAGE ARTS



Kindergarten Reading and Language Arts Standards

READING

- Recognize and name all uppercase and lowercase letters of the alphabet.
- Blend vowel-consonant sounds orally to make words or syllables.
- Distinguish orally stated one-syllable words and separate into beginning or ending sounds.
- Track auditorily each word in a sentence and each syllable in a word.
- Match all consonant and short-vowel sounds to appropriate letters.
- Read simple one-syllable and high-frequency words (i.e., sight words).
- Describe common objects and events in both general and specific language.
- Use pictures and context to make predictions about story content.
- Ask and answer questions about essential elements of a text.

WRITING

Writing Strategies

- Write words and brief sentences.

Written Language Conventions

- Spell simple words by using letter sounds.

First Grade Reading and Language Arts Standards

READING

- Distinguish initial, medial, and final sounds in single-syllable.
- Add, delete, or change target sounds to change words.
- Blend letters, and letter patterns into recognizable words.
- Read common word families (e.g., -ite, -ate).
- Read common, irregular sight words.
- Classify grade appropriate categories of words.
- Respond to who, what, when, where, and how questions.
- Follow one-step instructions.

WRITING

Writing Strategies and Applications

Write clear and coherent sentences that describe and explain familiar objects, events and experiences by progressing through the stages of the writing process (e.g., prewriting, drafting, revising, and editing).

- Write brief narratives: describe a fictional or autobiographical experience.
- Write descriptions: describe real objects, people, places, or event using sensory details.

Written Language Conventions

- Spell three and four letter short vowel words and grade-level appropriate sight words correctly.
- Identify singular and plural nouns.
- Identify contractions.
- Use a period, exclamation point, or question mark at the end of sentences.

Second Grade Reading and Language Arts Standards

READING

- Apply knowledge of basic syllabication rules when reading.
- Recognize common abbreviations.
- Identify and correctly use regular plurals and irregular plurals.
- Understand and explain common antonyms and synonyms.
- Know the meaning of simple prefixes and suffixes.
- Identify simple multiple-meaning words.
- Use titles, tables of contents, and chapter headings to locate information in expository text.
- State the purpose in reading.
- Restate facts and details in the text to clarify and organize ideas.
- Interpret information from diagrams, charts, and graphs.
- Follow two-step written instructions.
- Compare and contrast plots, settings, and characters presented by different authors.

WRITING

Writing Strategies and Applications

Write clear and coherent sentences and paragraphs that maintain a consistent focus by progressing through the stages of the writing process (e.g., prewriting, drafting, revising, and editing).

- Write brief narratives: describe the setting, characters, objects, and events in detail and organize events in a logical manner.
- Write friendly letters: include the date, salutation, body, closing, and signature.

Written Language Conventions

- Distinguish between complete and incomplete sentences.
- Identify and correctly use various parts of speech, including nouns and verbs, in writing and speaking.
- Use commas in the greeting and closure of a letter and with dates and items in a series.
- Use quotation marks correctly.
- Capitalize all proper nouns, words at the beginning of sentences and greetings, months and days of the week, and titles and initials of people.

Third Grade Reading and Language Arts Standards

READING

- Read aloud narrative and expository text fluently and accurately and with appropriate pacing, intonation, and expression.
- Use knowledge of levels of specificity among grade-appropriate words and explain the importance of these relations.
- Use sentence and word context to find the meaning of unknown words.
- Use a dictionary to learn the meaning and other features of unknown words.
- Use knowledge of prefixes and suffixes to determine the meaning of words.
- Use titles, tables of contents, chapter headings, glossaries, and indexes to locate information in text.
- Demonstrate comprehension by identifying answers in the text.
- Recall major points in the text and make and modify predictions about forthcoming information.
- Distinguish the main idea and supporting details in expository text.
- Extract appropriate and significant information from the text, including problems and solutions.
- Follow simple multiple-step written instructions.
- Distinguish common forms of literature.
- Determine what characters are like by what they say or do and by how the author or illustrator portrays them.
- Determine the underlying theme or author's message in fiction and nonfiction text.
- Identify the speaker or narrator in a selection.

WRITING

Writing Strategies and Applications

Write clear and coherent sentences and paragraphs that develop a central idea by progressing through the stages of the writing process (e.g., prewriting, drafting, revising, and editing).

- Write narratives: develop the plot, include details, and provide insight into why an incident is memorable.
- Write descriptions: use sensory details to describe impressions of people, places, things, or experiences.
- Write personal and formal letters, thank-you notes, and invitations.
- Write summaries: present the main ideas of the reading selection and the most significant details.

Written Language Conventions

- Understand and be able to use complete and correct declarative, interrogative, imperative, and exclamatory sentences in writing and speaking.
- Identify subjects and verbs that are in agreement and identify and use pronouns, adjectives, compound words, and articles correctly in writing and speaking.
- Punctuate dates, city and state, and titles of books correctly.
- Use commas in dates, locations, and addresses and for items in a series.
- Capitalize geographical names, holidays, historical periods, and special events correctly.
- Arrange words in alphabetical order.

Fourth Grade Reading Language Arts Standards

READING

- Read narrative and expository text aloud with grade-appropriate fluency and accuracy and with appropriate pacing, intonation, and expression.
- Apply knowledge of word origins, derivations, synonyms, antonyms, and idioms to determine the meaning of words and phrases.
- Use knowledge of root words to determine the meaning of unknown words within a passage.
- Know common roots and affixes derived from Greek and Latin and use this knowledge to analyze the meaning of complex words.
- Use a thesaurus to determine related words and concepts.
- Distinguish and interpret words with multiple meanings.
- Make and confirm predictions about text by using prior knowledge and ideas presented in the text itself, including illustrations, titles, topic sentences, important words, and foreshadowing clues.
- Compare and contrast information on the same topic after reading several passages or articles.
- Identify the main events of the plot, their causes, and the influence of each event on future actions.
- Use knowledge of the situation and setting and of a character's traits and motivations to determine the causes for that character's actions.
- Define figurative language (e.g., simile, metaphor, hyperbole, personification) and identify its use in literary works.

WRITING

Writing Strategies and Applications

Write clear, coherent multi-paragraph compositions that develop a central idea by progressing through the stages of the writing process (e.g., prewriting, drafting, revising, and editing).

- Write narratives: relate ideas or recollections of an event or experience, use sensory details, provide insight into why the experience is memorable.
- Write responses to literature: demonstrate an understanding of the literary work by supporting judgments with references to both the text and to prior knowledge.
- Write research reports: focus on a central question and include facts and details from multiple sources.
- Write summaries: present the main ideas of the reading selection and the most significant details.

Written Language Conventions

- Use simple and compound sentences in writing and speaking.
- Identify and use regular and irregular verbs, adverbs, prepositions, and coordinating conjunctions in writing and speaking.
- Use parentheses, commas in direct quotations, and apostrophes in the possessive case of nouns and in contractions.
- Use underlining, quotation marks, or italics to identify titles of documents.
- Capitalize names of magazines, newspapers, works of art, musical compositions, organizations, and the first word in quotations when appropriate.

Fifth Grade Reading and Language Arts Standards

READING

- Read aloud narrative and expository text fluently and accurately and with appropriate pacing, intonation, and expression.
- Understand and explain frequently used synonyms, antonyms, and homographs.
- Understand how text features make information accessible and usable.
- Discern main ideas and concepts presented in texts, identifying and assessing evidence that supports those ideas.
- Draw inferences, conclusions, or generalizations about text and support them with textual evidence and prior knowledge.
- Distinguish facts, supported inferences, and opinions in text.
- Identify and analyze the characteristics of poetry, drama, fiction, and nonfiction and explain the appropriateness of the literary forms chosen by an author for a specific purpose.
- Identify the main problem or conflict of the plot and explain how it is resolved.
- Understand that theme refers to the meaning or moral of a selection and recognize themes in sample works.

WRITING

Writing Strategies and Applications

Write clear, focused multi-paragraph compositions by progressing through the stages of the writing process.

- Write narratives: develop a plot, point of view, and setting.
- Write responses to literature: demonstrate understanding of a literary work by supporting judgments and interpretations with references to both the text and prior knowledge.
- Write research reports: pose questions with a scope narrow enough to be thoroughly covered and support ideas with facts, details examples, and explanations from multiple sources.
- Write persuasive letters or compositions: state a position and support it with relevant evidence.

Written Language Conventions

- Identify and correctly use prepositional phrases, appositives, and independent and dependent clauses; use transitions and conjunctions to connect ideas.
- Identify and correctly use verbs that are often misused modifiers, and pronouns.
- Use a colon to separate hours and minutes and to introduce a list; use quotation marks around the exact words of a speaker and titles of poems, songs, short stories, and so forth.
- Use correct capitalization.
- Spell roots, suffixes, prefixes, contractions, and syllable constructions correctly.

Sixth Grade Reading and Language Arts Standards

READING

- Read aloud narrative and expository text fluently and accurately and with appropriate pacing, intonation, and expression.
- Identify and interpret figurative language and words with multiple meanings.
- Monitor expository text for unknown words or words with novel meanings by using word, sentence, and paragraph clues to determine meaning.
- Understand and explain “shades of meaning” in related words (e.g., *softly* and *quietly*).
- Identify the structural features of popular media and use the features to obtain information.
- Connect and clarify main ideas by identifying their relationships to other sources and related topics.
- Follow multiple-steps instructions for preparing applications.
- Determine the adequacy and appropriateness of the evidence for an author’s conclusions
- Make reasonable assertions about a text through accurate, supporting citations.
- Identify the forms of fiction and describe the major characteristics of each form.
- Analyze the effect of the qualities of the character on the plot and the resolution of the conflict.
- Analyze the influence of setting on the problem and its resolution.

WRITING

Writing Strategies and Applications

Write clear, focused multi-paragraph compositions by progressing through the stages of the writing process.

- Write narratives: develop a plot, present a point of view, use sensory details, and devices such as dialogue and suspense.
- Write expository compositions (description, explanation, compare and contrast, problem and solution): state the purpose, explain the situation, use appropriate organization.
- Write research reports: pose questions with a scope narrow enough to be thoroughly covered and support ideas with facts, details, examples, and explanations from multiple sources.
- Write response to literature: demonstrate understanding of literary works by justifying interpretations with examples and evidence from the text.

Written Language Conventions

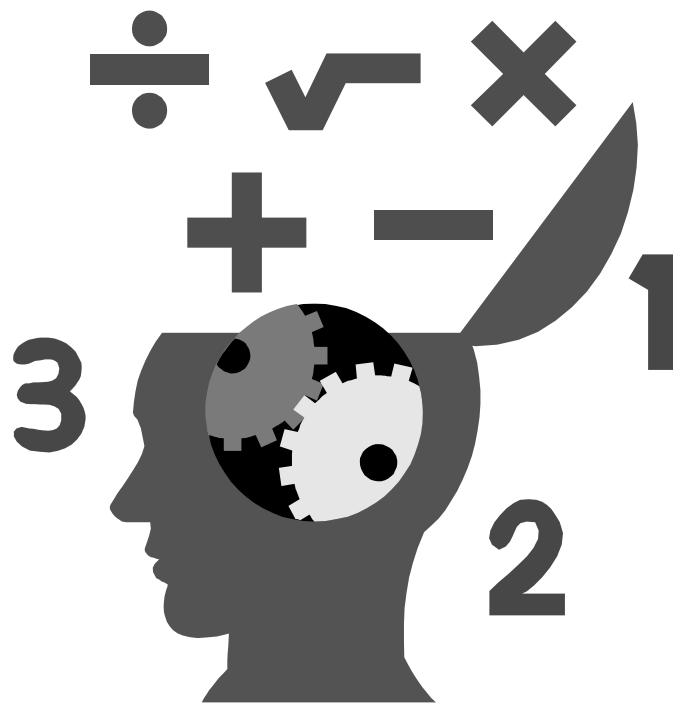
- Use simple, compound, and compound-complex sentences; use effective coordination and subordination of ideas to express complete thoughts.
- Identify and properly use indefinite pronouns and present perfect, past perfect, and future perfect verb tenses; ensure that verbs agree with compound subjects.
- Use colons after the salutation in business letters, semicolons to connect independent clauses, and commas when linking two clauses with a conjunction in compound sentences.
- Use correct capitalization.

Rincon Valley Union School District

Writing Applications (Genres) Matrix

Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
Brief Narrative <ul style="list-style-type: none"> ▪ Fictional ▪ Auto-biographical 	Brief Narrative <ul style="list-style-type: none"> ▪ Fictional ▪ Auto-biographical 	Narrative <ul style="list-style-type: none"> ▪ Fictional ▪ Auto-biographical 	Narrative <ul style="list-style-type: none"> ▪ Fictional ▪ Auto-biographical 	Narrative <ul style="list-style-type: none"> ▪ Fictional ▪ Auto-biographical 	Narrative <ul style="list-style-type: none"> ▪ Fictional ▪ Auto-biographical
Brief Description <ul style="list-style-type: none"> ▪ Expository 	Friendly Letter	Descriptions	Response to Literature	Response to Literature	Response to Literature
		Letters: <ul style="list-style-type: none"> ▪ Personal ▪ Formal ▪ Thank you ▪ Invitations 	Research Report	Research Report	Research Report
		Summary (support only)	Summary	Persuasive <ul style="list-style-type: none"> ▪ Composition ▪ Letter 	Persuasive <ul style="list-style-type: none"> ▪ Composition
					Expository Compositions (e.g., descriptions, explanation, compare and contrast, problem / solution)

MATHEMATICS



Kindergarten Math Standards

Number Sense

- Compare two or more sets of objects (up to ten objects in each group) and identify which set is equal to, more than, or less than the other.
- Count, recognize, represent, name, and order a number of objects (up to 30).
- Know that the larger numbers describe sets with more objects in them than the smaller numbers have.
- Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10).

Algebra and Functions

- Identify, sort, and classify objects by attribute and identify objects that do not belong to a particular group (e.g., all these balls are green, those are red).

Measurement and Geometry

- Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g., note which object is shorter, longer, taller, lighter, heavier, or holds more).
- Demonstrate an understanding of concepts of time (e.g., morning, afternoon, evening, today, yesterday, tomorrow, week, year) and tools that measure time (e.g., clock, calendar).
- Name the days of the week.
- Identify the time (to the nearest hour) of everyday events.
- Identify and describe common geometric objects (e.g., position, shape, size, roundness, number of corners).

Statistics, Data Analysis, and Probability

- Pose information questions; collect data; and record the results using objects, pictures, and picture graphs.
- Identify, describe, and extend simple patterns (such as circles or triangles) by referring to their shapes, sizes, or colors.

First Grade Math Standards

Number Sense

- Count, read, and write whole numbers to 100
- Compare and order whole numbers to 100 by using the symbols for less than, equal to, or greater than ($<$, $=$, $>$).
- Identify and know the value of coins and show different combinations of coins that equal the same value. (pennies, nickels, dimes).
- Know and memorize the addition and subtraction facts (sums to 20).
- Identify one more than, one less than, 10 more than, and 10 less than a given number.
- Count by 2s, 5s, and 10s to 100.
- Show the meaning of addition (putting together, increasing) and subtraction (taking away, comparing, finding the difference).
- Solve addition and subtraction problems with one- and two-digit numbers (e.g., $5 + 58 = \underline{\quad}$).

Algebra and Functions

- Understand the meaning of the symbols $+$, $-$, $=$.

Measurement and Geometry

- Compare the length, weight, and volume of two or more objects by using direct comparison.
- Tell time to the nearest half hour and relate time to events (e.g., before/after, shorter/longer).
- Identify, describe, and compare triangles, rectangles, squares, and circles.

Statistics, Data Analysis, and Probability

- Sort objects and data by common attributes and describe the categories.
- Represent and compare data (e.g., largest, smallest, most often, least often) by using pictures, bar graphs, tally charts, and picture graphs.
- Extend, and explain simple repeating patterns (e.g., rhythmic, numeric, color, and shape).

Second Grade Math Standards

Number Sense

- Recognize, name, and compare unit fractions of $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{8}$.
- Order and compare whole numbers to 1000 using $>$ $=$ $<$.
- Identify the place value for each digit up to 1,000.
- Memorize addition and subtraction facts through 18.
- Memorize the multiplication facts of 2's, 5's, and 10's.
- Understand and use the inverse relationship between addition and subtraction (e.g., the inverse number sentence for $8+6=14$ is $14-6=8$) to solve problems (e.g. family of facts).
- Find the sum or difference of two whole numbers up to three digits long.

Algebra and Functions

- Solve addition and subtraction problems using data from simple charts, picture graphs, and number sentences.
- Use commutative and associative rules to simplify calculations.
- Relate problem situations and number sentences involving addition and subtraction.

Measurement and Geometry

- Measure the length of an object to the nearest inch and/or centimeter.
- Determine the duration of time intervals in hours (e.g., 11:00 a.m. to 4:00 p.m.).
- Describe plane and solid geometric shapes according to number of faces, edges, and vertices.
- Tell time to nearest quarter hour and know relationships of time (e.g. minutes in an hour, days in a week, months in a year).

Statistics, Data Analysis, and Probability

- Recognize and extend patterns, and determine the next term in linear patterns (e.g. 4,8,12, $_$, $_$, $_$, 28).
- Identify range and mode of data.

Third Grade Math Standards

Number Sense

- Identify the place value for each digit in numbers to 10,000.
- Use expanded notation to represent numbers.
- Find the sum or difference of two whole numbers between 0 and 10,000.
- Memorize multiplication facts for numbers 1 – 10.
- Solve simple problems involving multiplication of multi-digit numbers by one-digit numbers (e.g. $3,671 \times 3 = \underline{\quad}$).
- Add or subtract simple fractions.
- Solve problems involving addition, subtraction, multiplication, and division of money amounts in decimal notation using whole numbers.

Algebra and Functions

- Represent relationships of quantities in the form of mathematical expressions, equations, or inequalities.
- Solve problems involving numeric equations or inequalities.
- Select appropriate operational and relational symbols to make an expression true (e.g., if $4 \square 3 = 12$, what operational symbol goes in the box? $+$, $-$, \times , \div . What relational symbol goes in the box? $4 \times 3 \square 11$ $<$, $=$, $>$).
- Solve simple problems involving a functional relationship between two quantities (e.g., find the total cost of multiple items given the cost per unit).
- Extend and recognize a linear pattern by its rules.

Measurement and Geometry

- Find the perimeter of a polygon.
- Identify and classify polygons (including pentagons, hexagons and octagons).
- Identify attributes of triangles.
- Identify attributes of quadrilaterals.

Statistics, Data Analysis, and Probability

- Identify whether common events are certain, likely, unlikely, or improbable.
- Record the possible outcomes for a simple event (e.g., tossing a coin) and systematically keep track of the outcomes when the event is repeated many times.
- Summarize and display the results of probability experiments in a clear and organized way (e.g., use a bar graph or a line plot).

Fourth Grade Math Standards

Number Sense

- Order and compare whole numbers to 1,000,000 and decimals to two decimal places.
- Round whole numbers to the nearest ten, hundred, thousand, and ten thousand.
- Write tenths and hundredths in decimal and fraction notations and know fraction and decimal equivalents for halves and fourths (e.g. $\frac{1}{2} = .5$ or $.50$).
- Identify negative numbers on a number line.
- Write the fraction represented by drawing parts of a figure and relate a fraction to a simple decimal on a number line.
- Be able to add, subtract, multiply (1 and 2 digit), and divide (1 digit divisor) whole numbers.
- Solve problems involving multiplication and division of money amounts in decimal notation using whole number multipliers and divisors.
- Identify prime numbers less than 25.

Algebra and Functions

- Use letters, boxes, and other symbols to stand for any number in simple expressions or equations (e.g., demonstrate an understanding and the use of a variable).
- Interpret mathematical expressions that use parentheses.
- Know that equals added to equals are equal ($x + 2 = y + 2$ then $x = y$).
- Know that equals multiplied by equals are equal (If $2x = 2y$ then $x = y$).
- Identify and graph ordered pairs in one quadrant of the coordinate plane.

Measurement and Geometry

- Understand and use formulas to solve problems involving perimeters and areas of rectangles (using square units for area).
- Identify lines that are parallel and perpendicular.
- Identify triangles: isosceles, scalene, equilateral.
- Understand that the length of a horizontal line segment equals the difference of the x-coordinates.
- Understand that the length of a vertical line segment equals the difference of the y-coordinates.

Statistics, Data Analysis, and Probability

- Interpret data from tables, charts, graphs, grids, and tree diagrams.

Fifth Grade Math Standards

Number Sense

- Determine prime factors, and write the numbers as the product of their prime factors by using exponents.
- Find decimal and percent equivalents for common fractions and explain why they represent the same value (e.g., $\frac{3}{4} = .75 = 75\%$).
- Interpret % as part of 100.
- Order and compare decimals to the thousandths.
- Divide a multi-digit number and/or a multi-digit decimal by a two-digit number.
- Add, subtract, and multiply with decimals.
- Add and subtract with negative numbers.
- Solve simple problems involving the addition and subtraction of fractions and mixed numbers (like and unlike denominators of 20 or less) and express answers in simplest form.

Algebra and Functions

- Use a letter to represent an unknown number; write and evaluate simple algebraic expressions with one variable by substitution.
- Identify and graph ordered pairs in the four quadrants of a coordinate plane.
- Solve problems involving linear function and write the equation.

Measurement and Geometry

- Use formula for area of a triangle. (Derive from area of rectangle formula.)
- Compute the volume of rectangular solids.
- Use appropriate units of measure for two- and three-dimensional objects (e.g., find the perimeter, area, and volume).
- Measure, identify, and draw perpendicular and parallel lines, angles, rectangles, and triangles.
- Know that the sum of the angles of any triangle is 180° and the sum of the angles of any quadrilateral is 360° .

Statistics, Data Analysis, and Probability

- Know the concept of mean.
- Identify and write ordered pairs correctly.
- Interpret the meaning of data in terms of the situation depicted by the graph.

Sixth Grade Math Standards

Number Sense

- Compare and order positive and negative fractions, decimals, mixed numbers and place them on a number line.
- Use proportions to solve problems (e.g., determine the value of n if $\frac{4}{7} = \frac{n}{21}$).
- Calculate given percentages of quantities. Solve problems involving discounts at sales, interest earned, tax, and tips.
- Solve problems involving adding, subtracting, multiplying, and dividing positive fractions.
- Calculate multiplication and division of fractions.
- Solve adding, subtracting, multiplying, and dividing word problems using positive and negative integers and combinations of operations.
- Determine least common multiple (LCM) and greatest common divisor/factor (GCD/GCF); use LCM and GCD/GCF to solve problems with fractions (e.g. $\frac{1}{2} + \frac{3}{5} = n$).

Algebra and Functions

- Write and solve one-step linear equations with one variable (e.g. $14 + n = 27$).
- Write and evaluate an algebraic expression using up to three variables.
- Apply order of operations.
- Solve problems involving rates (e.g., average speed, distance, and time).

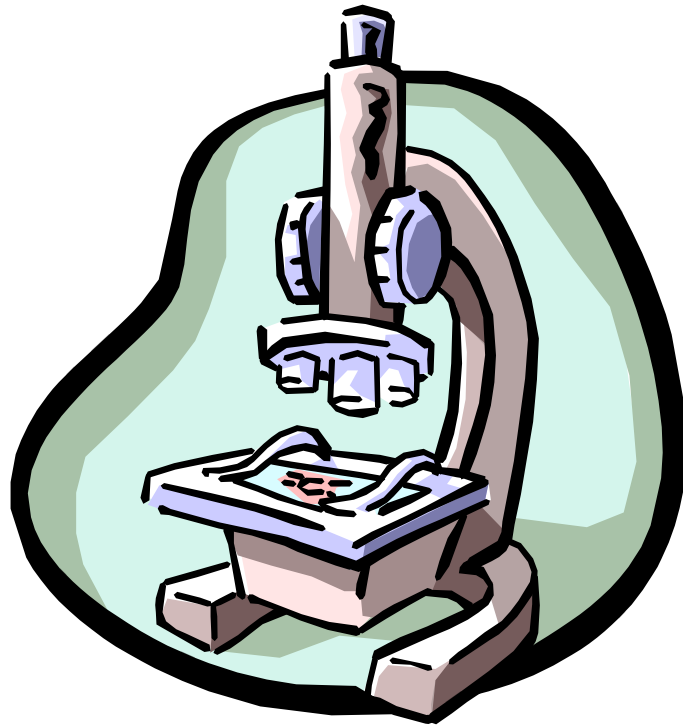
Measurement and Geometry

- Understand the concept of a constant such as pi; know the formula for the circumference and area of a circle.
- Know common estimates of pi (3.14 ; $\frac{22}{7}$) and use these values to estimate and calculate the circumference and area of circles.
- Recognize specific quadrilaterals and triangles from given information.
- Use properties of complimentary and supplementary angles and the sum of the angles of a triangle to solve simple problems with an unknown angle.

Statistics, Data Analysis, and Probability

- Compute the range, mean, median, and mode of data sets.
- Represent all possible outcomes for compound events in an organized way (e.g., tables, grids, tree diagrams) and express the theoretical probability of each outcome.
- Represent probabilities as ratios, proportions, decimals between 0 and 1, and percentages between 0 and 100, and verify that the probabilities computed are reasonable; know that if P is the probability of an event, $1 - P$ is the probability of an event not occurring.

SCIENCE



Science Standards

KINDERGARTEN

Physical Science

- Properties of materials can be observed, measured, and predicted.

Life Science

- Different types of plants and animals inhabit the earth.

Earth Science

- Earth is composed of land, air, and water.

Investigation and Experimentation - Scientific progress is made by asking meaningful questions and conducting careful investigations.

FIRST GRADE

Physical Science

- Materials come in different forms (states), including solids, liquids, and gases.

Life Science

- Plants and animals meet their needs in different ways.

Earth Science

- Weather can be observed, measured, and described.

Investigation and Experimentation - Scientific progress is made by asking meaningful questions and conducting careful investigations.

SECOND GRADE

Physical Science

- The motion of objects can be observed and measured.

Life Science

- Plants and animals have predictable life cycles.

Earth Science

- Earth is made of materials that have distinct properties and provide resources for human activities.

Investigation and Experimentation - Scientific progress is made by asking meaningful questions and conducting careful investigations.

Science Standards

THIRD GRADE

Physical Science

- Energy and matter have multiple forms and can be changed from one form to another.
- Light has a source and travels in a direction.

Life Science

- Adaptations in physical structure or behavior may improve an organism's chance for survival.

Earth Science

- Objects in the sky move in regular and predictable patterns.

Investigation and Experimentation

- Scientific progress is made by asking meaningful questions and conducting careful investigations.

FOURTH GRADE

Physical Science

- Electricity and magnetism are related effects that have many useful applications in everyday life.

Life Science

- All organisms need energy and matter to live and grow.
- Living organisms depend on one another and on their environment for survival.

Earth Science

- The properties of rocks and minerals reflect the processes that formed them.
- Waves, wind, water, and ice shape and reshape Earth's land surface.

Investigation and Experimentation

- Scientific progress is made by asking meaningful questions and conducting careful investigations.

Science Standards

FIFTH GRADE

Physical Science

- Elements and their combinations account for all the varied types of matter in the world.

Life Science

- Plants and animals have structures for respiration, digestion, waste disposal, and transport of materials.

Earth Science

- Water on earth moves between the oceans and land through the processes of evaporation and condensation.
- Energy from the sun heats earth unevenly, causing air movements that result in changing weather patterns.
- The solar system consists of planets and other bodies that orbit the Sun in predictable paths.

Investigation and Experimentation

- Scientific progress is made by asking meaningful questions and conducting careful investigations.

** Students in fifth grade are tested on 4th and 5th grade science standards on the California Standards Test.*

SIXTH GRADE

Focus on Earth Science

- Plate Tectonics and Earth's Structure
- Shaping of the Earth's Surface
- Heat (Thermal Energy)
- Energy in the Earth's System

Life Science

- Organisms in ecosystems exchange energy and nutrients among themselves and with the environment.
- Sources of energy and materials differ in amounts, distribution, usefulness, and the time required for their formation.

Investigation and Experimentation

- Scientific progress is made by asking meaningful questions and conducting careful investigations.

** Sixth grade science standards focus on Earth Science.*

TECHNOLOGY



Technology Standards

KINDERGARTEN

Basic Operations and Concepts

- Recognize and know terminology (e.g. computer, mouse, keyboard).
- Use the mouse.
- Use keyboard to type letters and numbers.

Social, Ethical, and Human Issues

- Practice computer etiquette.

Technology Productivity Tools

- Recognize and use symbols and icons.

FIRST GRADE

Basic Operations and Concepts

- Recognize and know terminology (e.g. computer, mouse, keyboard).
- Use the icons to access programs.

Social, Ethical, and Human Issues

- Practice computer etiquette.

Technology Productivity Tools

- Access age-appropriate web based programs.

SECOND GRADE

Basic Operations and Concepts

- Log on/off of computer system.
- Introduce keyboarding.
- Through guided instruction/practice, use basic file menu functions and folders.

Social, Ethical, and Human Issues

- Practice computer etiquette.

Technology Productivity Tools

- Use word processing and other productivity software.
- Access online catalog in the library.

Technology Standards

THIRD GRADE

Basic Operations and Concepts

Keyboarding

- Type with correct fingers on each hand using the full keyboard (10 wpm).

Creating a Document

- Participate in guided practice and instruction of basic document formatting.

Digital Media

- Do Google search.
- Create a multi-media presentation.

Social, Ethical, and Human Issues

- Describe consequences of irresponsible use of technology.

Technology Productivity Tools

- Complete teacher-guided research on assigned topics.
- Participate in guided instruction on usage/purposes of online core curriculum support.

FOURTH GRADE

Basic Operations and Concepts

Keyboarding

- Type with correct fingers on each hand using the full keyboard (15 wpm).

Creating a Document

- Begin basic document set-up: alignment, font size and style, line spacing, and proper indentation using ruler (not tabs).
- Use a word processor program for writing process stages.
- Apply basic editing/revision skills to a document.
- Save a document in different locations and learn about different formats.
- Use presentation software.

Digital Media

- Insert clip art into a document and manipulate object (location, size, etc.)
- Through guided instruction and practice, upload photos, graphics, and other objects into a document.

Social, Ethical, and Human Issues

- Understand the use/misuse of information (privacy, copyright, plagiarism, etc.)
- Understand the legal implications of using the internet.
- Understand cyber safety (bullying, personal information, privacy, etc.)

Technology Productivity Tools

- Participate in guided instruction on the importance of using valid informational sources.
- Participate in guided instruction on usage/purposes of online core curriculum support.

Technology Standards

FIFTH GRADE

Basic Operations and Concepts

Keyboarding

- Type with correct fingers on each hand using the full keyboard (20 wpm).
- Use proper typing/keyboarding technique (correct fingering, full keyboard for alphabet and numerals.)

Creating a Document

- Practice correct document set-up: alignment, font size and style, line spacing, and proper indentation using ruler (not tabs).
- Use a word processor program for writing process stages.
- Use special purpose keys (arrow, esc, tab, delete, etc.)
- Edit/revise a document (e.g. use spell check, grammar check, thesaurus); recognize meaning and apply actions to red/green underlining.
- Save a document in different formats and locations.

Digital Media

- Insert clip art into a document and manipulate object (location, size, etc.)
- Insert photos, graphs, graphics, sound, or video into a document.

Social, Ethical, and Human Issues

- Understand positive digital citizen:
 - Misuse of information (privacy, copyright, plagiarism, etc.)
 - Legal implications
 - Cyber safety
- Understand the collaborative nature of technology to support learning and productivity.

Technology Productivity Tools

- Use online databases.
- Determine what is valid information.
- Use online search engines and choose most valid site.

Technology Standards

SIXTH GRADE

Basic Operations and Concepts

Keyboarding

- Type with correct fingers on each hand using the full keyboard (25 wpm).
- Use proper typing/keyboarding technique (correct fingering, full keyboard for alphabet and numerals.)

Creating a Document

- Use correct document set-up: margins, alignment, font size and style, line spacing, and proper indentation using ruler (not tabs).
- Use a word processor program for writing process stages.
- Use special purpose keys (arrow, esc, tab, delete, etc.)
- Edit/revise a document (use spell check, grammar check, thesaurus, etc.); recognize meaning and apply actions to red/green underlining.
- Save a document in different formats and locations understanding the difference between save and save as.

Digital Media

- Insert photos, graphs, graphics, sound, or video into a document.
- Use Word Art for a purpose (e.g. emphasis, thematic application.)

Social, Ethical, and Human Issues

- Understand positive digital citizen:
 - Misuse of information (privacy, copyright, plagiarism, etc.)
 - Legal implications
 - Cyber safety
- Understand the collaborative nature of technology to support learning and productivity.

Technology Productivity Tools

- Use online databases.
- Determine what is valid information.
- Use online search engines and choose most valid site.