

Elementary Continuums

Summarized from State Standards

Grade Pre-K

Reading

Decoding/Fluency: • Recognizes common words, symbols, signs • Recognizes some letter names

Literature & Reading Resources: • Enjoys listening to stories • Shows an interest in books, holds them, & turns the pages

Writing

Writing Mechanics: • Begins to hold writing tools correctly • Has some control over the lines that are drawn • Draws symbols that simulate letters

Ideas & Content: • Draws pictures that are meaningful to the student • Tells about own drawings • Is aware that print materials carry messages

Communication (Speaking, Listening, Library/Media Technology)

Speaking: • Expresses oneself with others • Engages in language games • Recognizes rhyming patterns • Repeats a simple sentence or rhyme • Asks questions about things of interest

Listening: • Listens & follows simple directions

Math

Number Concepts: • Matches small groups of objects one-to-one • Rote counts to 10 • Begins to recognize some numerals • Understands relationships (more/less, shorter/longer)

Geometry: • Sorts objects by shape

Problem Solving: • Plays math games (puzzles, playing store, etc)

Grade K

Reading

Decoding/Fluency: • Memorizes & repeats patterns in stories • Consistently identifies lower & upper case letter names • Knows that letters & sounds are related • Knows that reading moves from left to right • Begins to recognize some words by sight

Comprehension: • Retells stories • Uses pictures to understand the story

Literature & Reading Resources: • Begins to name the parts of a book • Shows interest in a variety of books & stories

Writing

Writing Mechanics: • Traces & copies upper/lower case letters & numerals • Copies print from samples • Writes from left to right • Prints first name in correct D'Nealian

Ideas & Content: • Dictates a story to adults • Begins to combine pictures & words to communicate • Uses random spelling

Communication (Speaking, Listening, Library/Media Technology)

Speaking: • Communicates thoughts effectively • Uses appropriate voice level for the setting • Is increasingly comfortable in maintaining eye contact • Retells or invents simple stories • Memorizes & shares repetitive stories, songs, & poems • Experiments with sound & rhyme

Listening: • Demonstrates active listening

Information Resources: • Begins to seek out information about things of interest

Technology: • Begins to use technology tools

Math

Computation: • Uses manipulatives to solve simple addition & subtraction problems

Estimation: • Estimates the number of objects to 20

Number Concepts: • Recognizes numerals 0-9 & rote counts to 20 • Matches up to 20 objects one-to-one

Geometry: • Identifies, sorts, & classifies objects by their attributes

Time, Money, & Measurement: • Begins to measure using non-standard units • Recognizes time vocabulary (yesterday, today, tomorrow) • Begins to identify time on the hour • Identifies penny, nickel, dime, & quarter

Algebraic Relationships: • Recognizes, copies, & extends patterns

Data, Probability, & Statistics: • Explores & creates simple graphs

Problem Solving: • Begins to use patterns to solve simple math problems

Grade 1

Reading

Decoding/Fluency: • Uses phonics & other strategies to read new words • Recognizes common phonics patterns

Accuracy: • Consistently reads common sight words (said, the)

Comprehension: • Uses pictures, words, & own experiences to understand the story • Predicts what will happen next in the story • Sequences the events in the story • Reads Grade 1 level materials • Begins to identify story structures

Literature & Reading Resources: • Begins to use a table of contents to locate information • Sees oneself as a reader

Writing

Writing Mechanics: • Forms upper/lower case letters correctly

Organization: • Brainstorms ideas in a group

Ideas & Content: • Uses writing more than drawing to communicate meaning • Writes meaningful sentences

Conventions: • Begins to use capitals & ending marks • Uses phonetic spelling skills

Communication (Speaking, Listening, Library/Media Technology)

Speaking: • Frequently uses complete sentences with descriptive vocabulary • Accurately retells a story • Increasingly uses eye contact in groups • Shares in front of a small group • Projects voice adequately for a small group • Attempts to stay on the topic

Listening: • Demonstrates active listening & responds appropriately

Information Resources: • Seeks out information about things of interest • Begins to use simple strategies to access information • Begins to separate fact from fiction • Identifies sources of information when asked

Technology: • Begins to use technology tools & skills

Math

Computation: Addition & Subtraction: • Uses a variety of strategies to develop mastery of addition & subtraction facts to 10

Estimation: • Makes appropriate estimations to 50

Number Concepts: • Counts by 2's, 5's, 10's using manipulatives • Uses ordinal numbers--1st, 2nd, 3rd • Reads, writes & orders numbers 0-100 • Understands place value (10's & 1's) • Recognizes fractions $\frac{1}{2}$, $\frac{1}{3}$ & $\frac{1}{4}$ using manipulatives

Geometry: • Sorts by attributes • Identifies 3-dimensional shapes & their attributes • Explores symmetrical relationships

Time, Money, & Measurement: • Extends knowledge of time vocabulary (days of the week, months, seasons) • Tells time on the hour & half hour • Understands relative value of money • Uses a variety of tools for measurement

Algebraic Relationships: • Extends basic patterning skills

Data, Probability, & Statistics: • Makes & interprets appropriate graphs, tables & charts • Begins to explore probability games

Problem Solving: • Creates & solves simple addition & subtraction word problems • Uses patterns & pictures as mathematical problem solving strategies

Grade 2

Reading

Decoding/Fluency: • Consistently uses phonics & other strategies to read • Moves from sound-by-sound reading to reading word parts/whole words • Recognizes more complex word patterns • Moves from reading picture books to chapter books

Accuracy: • Reads orally with expression

Comprehension: • Begins to predict & identify cause & effect relationships • Identifies a story's setting, characters & main idea • Reads Grade 2 level materials

Literature & Reading Resources: • Uses a table of contents, index & illustrations to locate & clarify information • Reads independently

Writing

Writing Mechanics: • Writes with ease, forms & spaces letters/words correctly

Organization: • Begins to develop a story's beginning, middle, & end

Ideas & Content: • Writes complete sentences using descriptive words • Stays on topic & begins to add details when writing • Experiments with a variety of writing forms (letters, poetry, stories)

Conventions: • Shows growth in using capitals & punctuation marks • Moves from phonetic spelling to correct spelling

Communication (Speaking, Listening, Library/Media Technology)

Speaking: • Speaks in complete sentences & develops a logical sequence of ideas • Considers the audience for public speaking • Continues to develop eye contact with the audience & voice projection • Reads a short story, poem, or report clearly in class

Listening: • Listens & responds appropriately

Information Resources: • Begins to use simple strategies to research a topic • Begins to use simple strategies to organize information

Technology: • Begins to use technology tools & skills (keyboarding, word processing, drawing)

Math

Computation: • Masters all addition & subtraction facts through 10 • Develops mastery of all basic addition & subtraction facts through 18 • Solves two-digit addition & subtraction problems using regrouping

Estimation: • Makes appropriate estimations to 100

Number Concepts: • Rote counts by 2's, 5's, 10's to 100 • Reads, writes, & orders numerals 0-1,000 • Explores concepts of multiplication & division • Uses place value (hundreds, tens, ones) • Understands fractional concepts of $\frac{1}{2}$, $\frac{1}{3}$ & $\frac{1}{4}$

Geometry: • Explores similar shapes, 2-D & 3-D figures & symmetry

Time, Money, & Measurement: • Tells time on the quarter hour • Solves simple problems involving time & money • Uses standard units of measurement

Algebraic Relationships: • Continues developing more complex patterning skills

Data, Probability, & Statistics: • Constructs, reads, & interprets simple graphs, tables & charts • Understands & experiences activities that involve probability

Problem Solving: • Solves problems using drawing, guess & check, manipulatives, & models • Chooses mental, manual, & calculator methods to solve problems

Grade 3

Reading

Decoding/Fluency: • Expands the use of phonics, context clues & visual cues to read fluently • Recognizes increasingly complex words by sight

Accuracy: • Reads orally with accuracy & expression

Comprehension: • Summarizes plot, characters, setting, sequence of events, & main ideas • Locates & uses information using a table of contents, index, heading, glossary, table, chart, graph &/or diagram • Identifies cause & effect relationships & makes predictions • Analyzes & evaluates information to form conclusions • Reads Grade 3 level materials

Literature & Reading Resources: • Reads short stories/folk tales from various cultures & time periods • Continues to read independently for pleasure & information

Writing

Writing Mechanics: • Writes with ease, forms & spaces letters/words correctly

Organization: • Begins to write paragraphs with main ideas & supporting details • Organizes writing with a clear beginning, middle & end

Ideas & Content: • Explores narrative, imaginative, expository, & persuasive writing modes • Writes for a variety of audiences & purposes

Conventions: • Develops cursive writing skills • Edits written work for correct spelling, capitalization, punctuation

Communication (Speaking, Listening, Library/Media Technology)

Speaking: • Conveys main ideas using expressive language & descriptive vocabulary appropriately • Develops a logical sequence • Uses appropriate eye contact, rate & volume

Listening: • Listens appropriately to the speaker

Information Resources: • Begins to pursue information for personal interest • Uses a variety of sources for research • Begins to evaluate information for accuracy & relevancy • Uses simple strategies for organizing information • Respects the ownership of print & non-print works

Technology: • Uses technology tools & skills to present information effectively

Math

Computation: Addition & Subtraction: • Masters addition & subtraction facts through 18 • Adds & subtracts, regrouping multi-digit numbers

Computation: Multiplication & Division: • Masters multiplication facts/develops division facts through 5

Estimation: • Rounds numbers to nearest 10, 100, & 1,000

Number Concepts: • Reads, writes & orders numerals to 10,000 • Identifies common fractions & decimals (halves, 0.5, etc)

Geometry: • Sorts, classifies & describes geometric shapes

Time, Money, & Measurement: • Adds & subtracts money • Estimates & measures with appropriate standard units & tools for measurement (length, time, temperature, perimeter, money, etc)

Algebraic Relationships: • Begins to solve simple problems in which symbols are substituted for numbers • Recognizes, extends & predicts patterns

Data, Probability, & Statistics: • Carries out simple experiments using probability • Accurately creates/ interprets graphs, tables & charts

Problem Solving: • Uses various problem solving strategies • Verifies answers • Continues to develop mental math strategies

Grade 4

Reading

Decoding/Fluency: • Efficiently uses word identification strategies • Develops an extensive reading vocabulary

Accuracy: • Reads orally with accuracy & expression

Comprehension: • Continues to analyze sequence of events, main ideas, facts & supporting details • Expands comprehension of story elements • Continues to analyze & evaluate information & to form conclusions • Reads Grade 4 level materials

Literature & Reading Resources: • Begins to identify the theme of a literary work • Identifies different types of literature (biographies, news articles, poetry) • Draws conclusions about how the author constructed the story • Begins using a variety of materials for reference & research • Pursues personal interests in reading

Writing

Organization: • Uses main ideas supported by specific details to write paragraphs • Uses various prewriting & organizing strategies

Ideas & Content: • Increases use of written vocabulary • Further develops narrative, imaginative, expository, & persuasive writing skills

Conventions: • Increases accuracy in editing

Sentence Fluency: • Writing is more fluent & legible • Writes increasingly complex sentences

Communication (Speaking, Listening, Library/Media Technology)

Speaking: • Uses increasingly expressive language to speak to an audience • Uses eye contact, appropriate rate, volume, & expression

Listening: • Responds appropriately to the speaker

Information Resources: • Pursues information for personal interest • Accesses information from a variety of sources • Evaluates information for accuracy & relevancy • Respects copyright laws by citing sources of information

Technology: • Presents information effectively in various types of communication • Uses technology tools & skills to present & produce information effectively

Math

Computation: Addition & Subtraction: • Begins addition & subtraction of common fractions & mixed numbers

Computation: Multiplication & Division: • Masters basic multiplication & division facts through 10 • Multiplies or divides 2-digit whole number problems with regrouping

Estimation: • Uses strategies, including rounding in estimation

Number Concepts: • Reads, writes & orders numerals to 1,000,000 • Develops the concepts of primes, factors & multiples in whole number operations

Geometry: • Recognizes & describes geometric shapes by their attributes

Time, Money, & Measurement: • Expands use of appropriate tools for standard measurement

Algebraic Relationships: • Creates & solves simple problems, substituting symbols for numbers

Data, Probability, & Statistics: • Makes predictions based on probability • Uses & makes graphs, tables, & charts

Problem Solving: • Problem solves with graphics, words & numbers • Communicates problem solving strategies & verification • Expands use of mental math strategies

Grade 5

Reading

Decoding/Fluency: • Continues to identify new words with fluency

Accuracy: • Reads aloud with accuracy & expression

Comprehension: • Efficiently uses a variety of reading techniques • Moves from literal to higher levels of comprehension • Reads Grade 5 level materials

Literature & Reading Resources: • Identifies literary devices (similes, rhyme, etc) • Consistently identifies themes • Reads & identifies various types of literature from various cultures & time periods • Explains how authors are influenced by history, society, culture & life experiences • Accesses & uses a wide variety of materials for research • Analyzes & evaluates information & forms conclusions

Writing

Organization: • Creates outlines to organize writing • Writes with clear sequencing of ideas & effective transitions • Conveys main ideas & supporting details appropriate to the topic, audience, & purpose

Ideas & Content: • Appropriately uses narrative, imaginative, expository, & persuasive writing forms • Begins to write engaging, effective introductions & conclusions • Respects copyright laws by citing sources & using standard bibliographic forms

Conventions: • Consistently & accurately edits writing

Sentence Fluency: • Writing is more fluent & legible • Writes increasingly complex sentences

Communication (Speaking, Listening, Library/Media Technology)

Speaking: • Conveys main ideas with supporting details • Prepares & presents a well organized speech • Uses descriptive & appropriate words • Appropriately uses eye contact, speaking rate, volume, enunciation, & gestures

Listening: • Demonstrates good listening skills

Information Resources: • Investigates topics of interest using effective research processes • Acquires, interprets, & uses information from print, visual, electronic, & human sources • Respects copyright laws by citing sources of information • Analyzes & evaluates the accuracy, relevancy, & importance of information sources

Technology: • Presents information effectively in written, oral, & visual communications

Math

Computation: • Masters all whole number operations (+, -, x, :) • Reads, writes, orders, adds/subtracts decimals to the thousandths • Adds & subtracts common fractions

Estimation: • Uses rounding & other strategies to estimate answers to whole numbers, decimals, & fraction problems

Number Concepts: • Uses concepts of primes, factors & multiples in whole number, fraction & decimal operations

Geometry: • Builds, draws, measures & compares shapes of 2 & 3 dimensional figures

Measurement: • Measures length, perimeter, weight, area, volume, time, temperature, & angle using standard & nonstandard units • Makes & uses estimates of length, weight, capacity, angle, dollar & time

Algebraic Relationships: • Solves simple algebraic equations with one unknown factor

Probability & Statistics: • Expresses probabilities using fractions, ratios & decimals • Makes, interprets & analyzes data using graphs, tables & charts

Problem Solving: • Uses problem solving strategies • Communicates processes used to problem solve & for verification • Accurately uses mental math strategies

Grade 6

Reading

Comprehension: • Adjusts comprehension strategies • Demonstrates a thorough understanding of the text • Extracts important & relevant information • Reads Grade 6 level materials

Literature & Reading Resources: • Reads a variety of traditional & contemporary literature from a variety of cultures & time periods • Analyzes author's use of words & literary devices • Identifies & evaluates the author's point of view • Continues to analyze & evaluate relevance & accuracy of information & form conclusions • Shows initiative & skill in selecting independent reading materials

Writing

Organization: • Stays focused on the topic • Consistently uses the process approach to writing

Ideas & Content: • Writes for a variety of audiences & purposes • Writes reports, essays, stories, poems, journals, & letters with ease • Evaluates the accuracy & credibility of sources

• Is more effective expressing one's ideas in writing

Conventions: • Consistently & accurately edits writing

Word Choice: • Selects words that are accurate, specific & vivid & writes complex sentences

Communication (Speaking, Listening, Library/Media Technology)

Speaking: • Conveys main ideas, provides supporting details, interprets audience reaction & adjusts presentation appropriately • Uses a variety of devices to involve the audience • Uses descriptive & accurate words appropriate to audience & purpose • Controls of eye contact, speaking rate, volume, enunciation, & gestures appropriate to audience & purpose • Speaks appropriately in a variety of settings • Speaks to express independent thinking & persuade others

Listening: • Responds appropriately to the speaker

Information Resources: • Investigates topics of interest using effective research processes • Respects copyright laws by citing sources of information • Analyzes & evaluates the accuracy, relevancy, & importance of information sources • Organizes, integrates, & applies to solve problems • Uses appropriate citations to acknowledge other's work

Technology: • Continues to acquire, interpret, & use information from a variety of sources • Presents information effectively through a variety of communications • Uses technology tools & skills (keyboarding, word processing, databases & multimedia) to create products

Math

Time, Money, & Measurement: • Measures using both English & metric standards

Algebraic Relationships: • Expresses real life problem in algebraic terms (ie some number & 3 is 12: $n + 3 = 12$) • Solves algebraic equations using variables & open sentences

Data, Probability, & Statistics: • Locates & gives coordinates of points on graph paper

Problem Solving: • Uses multiple problem-solving strategies, communicates thinking in an organized way, & verifies solutions • Uses a variety of standard problem-solving techniques