

McDowell Elementary

Kindergarten Curriculum

READING

- **Phonemic Awareness**
 - recognize and produce rhyming words
 - recognize and produce beginning sounds
 - blend phonemes
 - segment, count syllables in spoken words
- **Concepts of Print**
 - understand that print conveys meaning
 - understand how print is organized/read
 - name and match all uppercase and lowercase letter forms
 - capital at the beginning of a sentence
 - recognize use of all capital letters
 - recognize end punctuation
 - match spoken words to print
- **Phonics/Decoding Skills/Decoding Longer Words**
 - initial consonants
 - final consonants, double consonants
 - short vowels
 - apply phonics/decoding strategy
 - recognize high-frequency words
- **Comprehension skills**
 - distinguish between fantasy/realism
 - compare and contrast
 - predict outcomes
 - understand sequence of events
 - recognize story structure
 - determine cause and effect
 - determine text organization
 - draw conclusions
 - categorize and classify
 - note important details
 - recognize main idea, topic and supporting details
 - follow directions, oral and written
 - make inferences
 - make judgments
- **Comprehension Strategies**
 - predict/infer
 - summarize
 - phonics/decoding
 - evaluate
 - question
 - monitor/clarify
- **Reading fluency**
 - read fluently at appropriate rate
- **Information/Study Skills**
 - read/use charts, tables, graphs, schedules, time lines, diagrams, calendars
 - follow directions
 - locate/use parts of a book

SPELLING/VOCABULARY

- **Spelling**
 - build words with short vowels
 - recognize sound and letter patterns
- **Vocabulary**
 - recognize and read high-frequency words
 - vocabulary expansion
 - content-area words
 - alphabetical order to first letter
 - antonyms

WRITING AND LANGUAGE ARTS

- **Grammar, Usage, and Mechanics**
 - punctuation
 - capitalization
 - complete sentences
 - types of sentences
 - nouns
 - verbs
 - adjectives
- **Writing Process**
 - engage in modeled, shared, interactive writing
 - independent writing
 - use the five-step writing process
- **Prewriting Skills**
 - choose a topic
 - organize and plan
 - use graphic organizers
 - discuss
 - consider audience and purpose
- **Drafting Skills**
 - write a good beginning, middle, and end
 - organize ideas in logical order
 - use details, facts, examples
- **Revision Skills**
 - tell more
 - elaborate/expand sentences with details
 - use exact words
- **Proofreading Skills**
 - capitalize/punctuate
 - use complete sentences
 - spell accurately
 - use correct grammar and usage
- **Modes of Writing**
 - write in a journal
 - write a letter
 - write a story
 - do descriptive writing
 - write instructions/directions
- **Traits of Writing**
 - ideas
 - organization
 - word choice
 - presentation
- **Listening/Speaking/Viewing**
 - compare information
 - listen for comprehension
 - retell/summarize/report
 - listen for information

- listen to/read aloud poetry
- participate in group discussion/conversation
- tell a story/retell a story
- listen to a story
- give and follow directions
- view illustrations
- view/evaluate media, information, and art
- dramatize
- dictation

MATHEMATICS

- **Numbers and Operations-*Number Sense and Numeration***
 - counts by 1's, 2's, 5's, 10's, 100's
 - count backwards
 - match sets and numbers
 - counts and groups numbers in tens and ones
 - uses expanded form to represent numbers
 - writes digits 1-150
 - writes numbers using words
 - reads and writes whole numbers to at least 150, 2-digit numbers above 30
 - identifies numbers on a hundred number chart
 - identifies numbers before, after, and between
 - compares 1- and/or 2-digit whole numbers
 - orders 1- and 2-digit whole numbers
 - identifies place value for each digit in numbers to 100
 - represents 2- and 3-digit whole numbers using concrete materials and/or pictures
 - estimates and counts collections of objects
 - identifies equivalent sets
 - represents equivalent forms of the same number
 - renames numbers using regrouping
 - compares sets of objects and identifies sets with more, less, and the same
 - identifies sets with the greatest and least number of objects
 - identifies even and odd numbers
 - identifies pairs
 - identifies ordinal position
 - identifies rational numbers from pictures and draws pictures to show rational numbers
 - locates rational numbers on a number line
- **Numbers and Operations-*Concepts of Whole Number Operations***
 - Shows the meaning of addition
 - uses manipulatives to model and solve addition problems
 - uses pictures to model and solve addition problems
 - writes number sentences to show addition
 - identifies addends and sums
 - identifies and uses the commutative and associative properties of addition
 - shows the meaning of subtraction
 - uses manipulatives to model and solve subtraction problems
 - writes number sentences to show subtraction
- **Numbers and Operations – *Whole Number Computation***
 - use concrete objects or pictures to add single-digit numbers
 - masters addition facts to 18
 - identifies missing addends
 - identifies one more than a number

- identifies ten more than a number
- estimates a sum
- adds using mental computation
- adds three or more single-digit numbers
- adds 2-digit numbers without regrouping
- adds two 2- or 3-digit numbers
- uses concrete objects or pictures to subtract single-digit numbers
- masters subtraction facts with minuends to 18
- identifies one less than a number
- identifies ten less than a number
- subtracts 2-digit numbers without regrouping
- checks subtraction answers using addition
- **Numbers and Operations – *Fractions and Decimals***
 - identifies one half and/or one fourth of a whole
 - identifies a fractional part of a whole
 - writes a fraction to show a part of a whole
 - finds half of a set of objects
 - identifies a fractional part of a set
 - compares fractions
- **Numbers and Operations – *Money***
 - identifies and counts pennies, dimes, nickels, quarters
 - identifies one-dollar bills
 - finds the value of a set of coins
 - selects coins for a given amount
 - reads and writes money amounts to \$1.00
- **Measurement**
 - identifies today's date
 - identifies yesterday, today and tomorrow
 - identifies morning, afternoon, evening, and night
 - identifies days of the week and months of the year
 - identifies dates on a calendar
 - identifies seasons
 - tells and shows time to the hour and half hour
 - identifies which of two events takes more or less time
 - orders events by time
 - identifies cold, cool, warm and hot
 - reads a Fahrenheit thermometer
 - estimates length or distance
 - compares the length or height of objects
 - orders objects by length or height
 - measures length or distance using nonstandard units
 - measures length using customary units (inch, foot, yard)
 - draws line segments using customary units (inch)
 - measures length using metric units (centimeter, millimeter, and meter)
 - draws line segments using metric units (centimeter, millimeter)
 - compares and orders objects by weight (mass)
 - estimates weight (mass)
 - weighs objects using nonstandard units
 - estimates capacity (volume)
 - identifies and uses measuring cups
 - compares and /or orders containers by capacity
 - identifies customary and/or metric units of capacity
 - measures capacity
 - follows a recipe and measures
 - compares and orders objects by size
- **Geometry**
 - identifies right and left
 - uses positional words and phrases

- identifies first, last, between and middle
- makes and covers designs with pattern blocks or tangrams
- makes and copies designs on a geoboard
- creates, identifies, and /or draws congruent shapes, designs, and/or line segments
- identifies and/or creates similar shapes
- identifies, describes, sorts, and/or compares geometric shapes
- identifies angles and sides
- identifies, describes, sorts, compares, and/or constructs geometric solids
- **Transformation and Symmetry**
 - identifies and draws a line of symmetry and/or creates symmetrical designs
 - explores, identifies, and/or shows transformations: translations, rotations, and reflections
- **Patterns, Algebra, and Functions**
 - identifies, reads, and extends patterns
 - identifies the missing shape or design in a repeating pattern
 - identifies the missing number in a sequence
 - identifies the missing shape or number in a matrix
 - constructs a number line and/or locates points on a number line
 - uses comparison symbols (greater than, less than, equal to)
 - represents an unknown using a symbol
 - writes and solves a number sentence for a problem involving addition or subtraction
 - creates problem for addition and subtraction number sentences
- **Statistics, Data Analysis and Probability**
 - sorts and classifies objects
 - identifies a sorting rule
 - tallies
 - makes a real graph
 - graphs a picture on a pictograph
 - identifies most, fewest, and/or same on a graph
 - draws and reads a bar graph
 - writes observations about graph
 - describes the likelihood of an event
 - predicts the outcome of a probability experiment
 - conducts a probability experiment
 - classifies and categorizes
 - looks for a patterns
 - identifies important/unimportant information
 - acts out a problem or makes a model
 - draws a picture
 - guesses, checks, and revises
 - uses logical reasoning
 - writes a number sentence
- **Communication**
 - questions and responds
 - works with partners or in a group
 - writes about math
- **Mathematical Reasoning**
 - recognizes patterns
 - classifies and sorts
 - solves spatial problems
 - estimates
 - explains an answer
- **Connections**
 - connects math to everyday life
 - connects math to science

SOCIAL STUDIES

- Caring and Sharing
- Community Helpers
- Myself and Family
- Fire Safety
- Western/Eastern Hemisphere
- Geography
- Holidays

SCIENCE

- Five Senses
- Weather
- Seasons
- Food Groups
- Liquids, Gases, Solids
- Hibernation
- Butterfly
- Oviparous
- Rainforest
- Bugs
- Dinosaurs
- Oceans

HANDWRITING

- hold pencil properly
- proper printing of lower case and upper case letters and numbers
- neatness
- printing of first and last name

OTHER

- Reports
 - Map of United States: Place visited, research, oral presentation, visual map presentation
 - Community Helper – oral clues presented to assist other students in determining the community helper
- Oral Skills
 - Weekly oral sharing