NUMBERS
- Compare and order numbers
- Round
- Place value

ADDITION
- Patterns
- Estimate sums
- With regrouping
- With two-, three-, and four-digit numbers
- More that two addends
- Missing addends
- Mental math

SUBTRACTION
- Patterns
- Estimate differences
- With regrouping
- With two-, three-, and four-digit numbers

MULTIPLICATION
- Meaning of multiplication
- Sentences
- Using arrays
- Basic facts
- Fact families
- Properties
- Patterns
- With three factors
- Estimate products
- Using partial products
- Two-digit numbers with regrouping
- Money amounts
- Mental math

DIVISION
- Meaning of division
- Sharing
- Repeated subtraction
- Inverse operations
- Basic facts
- Fact families
- Patterns
- With reminders
- By two to determine even or odd

DECIMALS
- Explore tenths
- Name and write
- Add and subtract
- Money amounts

DATA, GRAPHS, PROBABILITY
- Pictograph, bar, line
- Function tables
- Likelihood
- Predictions
- Fairness

FRACTIONS
- Equal parts
- Name and write
- Equivalent fractions
- Compare and order
- Estimate
- Of a set
- Of a number
- Greater than one
- Add and subtract

GEOMETRY
- Identify solids
- Connect solids with shapes
- Identify lines, segments, rays, parallel and intersecting lines
- Explore angles
- Transformation, rotation, reflection
- Lines of symmetry
- Perimeter
- Area
- Volume
- Coordinate geometry

MEASUREMENT
- Nonstandard units
- Estimate length, capacity, weight, temperature
- Lengths to the nearest half and quarter inch
- Capacity 9 customary, metric
- Compare measurements
- Temperature
TIME AND MONEY
- Tell time to the nearest five minutes
- Tell time to the nearest minute
- Tell time to the nearest half and quarter hour
- Calendar
- Elapsed time and ending time
- Ordinal numbers
- Mental math
- Count amounts of money
- Estimate
- Relate money to decimals
- Make change
- Add money

PROBLEM SOLVING
- Exact answers or estimates
- Guess and check
- Use objects and act it out
- Eliminate information
- Draw picture
- Make a table, graph, chart
- Compare strategies
- Choose an operation
- Solve a simpler problem
- Find a pattern
- Logical reasoning
- Work backward
- Collect and analyze data
- Make an organized list

GRAMMAR
- Parts of speech
  - Nouns- singular /plural
  - Possessives
  - Verbs
  - Adverbs
  - Adjectives
  - Pronouns
- Sentence building
  - Statements
  - Questions
  - Commands
  - Exclamations
  - Run-ons
  - Incomplete sentences
  - Patterns (noun-verb)
  - Combination sentences

PENMANSHIP
- Self-evaluate handwriting
- Know five keys to legibility
  - Size
  - Shape
  - Slant
  - Spacing
  - Smoothness
- Write mathematical symbols
- Write cursive alphabet

SPELLING
- Study of words derived form
  - Appropriate lists
  - Student writing
  - Content areas
  - Contemporary culture

LANGUAGE ARTS
- Capitalization
  - Proper Nouns
  - Titles
  - Abbreviations
  - Letter writing
- Punctuation
  - Period
  - Comma
  - Question mark
  - Exclamation point
  - Apostrophe
- Composition
  - Developing paragraphs
  - Stories
  - Poems
  - Book reports
  - Friendly letters
- Proofreading
## Reading

### Decoding
- Base words, compound words
- Words, inflated endings
- Vowels and vowel sounds
- Syllable generalization
- Alphabetical order
- Using dictionary for pronunciation

### Comprehension
- Context
- Multiple meaning words
- Prefixes and suffixes
- Understanding punctuation
- Compare and contrast
- Making judgments, references
- Problem solving
- Glossary
- Descriptive language
- Summarizing story structure
- Visualizing
- Noting details
- Predicting outcomes
- Sequence
- Cause and effect
- Main idea
- Drawing conclusions
- Making generalizations
- Following directions
- Correct stress
- Supporting details
- Topics
- Fact and opinion

### Reference and Study Skills
- Table of contents
- Reference sources
  - Atlas
  - Encyclopedia
  - Almanac
  - Dictionary

### Literacy Skills
- Distinguish between fiction and non-fiction
- Distinguish between fantasy and realism
- Legend, fairy tale
- Recognizing play form
- Recognizing poetry
- Author’s viewpoint
- Problem solving & decision making
- Classify & categorize

## Science

### Life Science

#### Plants and How They Grow
- Main parts of a plant
- Why plants need roots and stems
- How plants are grouped
- How new plants grow
- Describe similarities and differences between plants of long ago and plants of today

#### Plants and Animals Living Together
- How plants and animals interact
- How living things get energy
- How living things compete for oxygen, water, food, and space
- How environments change
- What is a healthy environment for people
- How people can stay healthy

#### Water
- Importance of water
- Changes in water
  - Forms that water can have
  - Detail the water cycle
  - Ways water is cleaned

#### Changes on Earth
- Earth’s layers
  - Basic structure of the earth
  - Changing features of the earth’s surface
- Volcanoes and earthquakes
- Weathering and erosion

#### Matter and Its Properties
- Describe matter
- Properties of matter
- Compare and contrast matter
- Explain the makeup of matter
- How the properties of matter are measured

#### Changes in Matter
- Physical changes in matter
- Combining matter
- Ways matter can undergo a chemical change

## Scientific Method
SAFETY
- Review K-2 topics
- Safety practices
  - Play and recreation
  - Accident prevention
  - Fire and electrical
  - Chemical
  - Recreation
  - Bicycle rules
  - Harmful substances and their effects on systems
- Awareness
  - Child Molestation
- Drug and alcohol education, use, abuse and prevention
- First Aid
- Internet safety

NUTRITION
- Review
  - Good nutrition
  - Needs of living things
  - Key nutrients and their functions
  - Sanitation
- Introduce
  - Ingredient and label reading
  - Digestive system

DENTAL HEALTH
- Teeth
  - Structure
  - Functions
  - Safety
- Hazards
  - Bacteria
  - Plaque
  - Decay process
- Review nutrition

DISEASE PREVENTION
- Illness
  - Microbes as source
  - Healing process
  - Health careers
  - Childhood immunizations
  - Pollution and health
- Public Health
  - People and agencies
  - Concerns and issues
- Cleanliness and well-being

FAMILY LIFE EDUCATION
- Family members
  - Roles and responsibilities
  - Needs
  - Respecting feelings, rights, property and privacy
- Changes in family life
- Growth through life cycle
- Peer relationships
- Good health habits
- Systems
  - Digestive
  - Muscular
  - Nervous
  - Reproductive

COMPUTERS

COMPUTER LITERACY
- Understand grade appropriate vocabulary terms
- Demonstrate proper use and care of equipment
- Use of grade appropriate programs

KEYBOARDING
- Know and use return, space bar, shift, caps lock, and arrow keys
- Enter own name on screen
- Place capital and lower case letters on screen
- Be able to strike keys from the fingers “home row” location(s)

WORD PROCESSING
- Enter title and utilize necessary key functions
- Access methods for editing, saving, printing and retrieving
- Edit a paragraph
- Save text on data disk & retrieve
  - Demonstrate ability to print a file using options
THE PLACES WE LIVE
• Describe a community
• Role of citizens in a community
• Reasons for rules and laws in a community
• Kinds of communities
• Review map skills

COMMUNITIES IN HISTORY
• First explorers
• Colonies in America
• Becoming a country
• Identify where early settlers from Canada came from
• Compare how independence was won in Canada and the United States
• Making decisions
• Read and interpret a timeline

BEING AN ACTIVE CITIZEN
• Explain how citizens can help improve their community
• Rights and responsibilities of citizenship
• Resolving conflicts

OUR GOVERNMENT
• Local government
• State government
• National government
• United nations
• Role of ambassadors
• Map and globe skills
• Point of view

ECONOMICS EVERY DAY
• Using money
• Compare and contrast money and barter
• Explain link between work and money earned
• Making choices
• Conduct an interview

DRAWING AND PAINTING
• Pencil
• Tempera
• Watercolors
• Straw blowing
• Tempera over crayon
• Cray-pas
• Resist
• Etching

WEAVING AND STITCHERY
• Paper
• String
• Yarn

CUT AND PASTE
• Collage
• Overlapping design
• Pop-outs
• Geometric designs
• Mosaics

PUPPETRY
• Finger puppets
• Paper plate

PRINT MAKING
• Potato
• Stencils

EXPRESSION
• Fine art
• Use of color
• Value (light-dark)
• Intensity (bright-dull)
• Emotion (warm-cool)
• Mood expression
• Composition

SCULPTURE, CERAMICS AND COLLAGE
• Cylinders
• Strip sculpture
• Cone
• Straw pictures
• Clay

MOBILE AND STABILES
• Wire
LOCATION/CARD CATALOG
- Knows material can be located in the card catalog
- Knows material can be located in electronic database
- Locate materials by call letter and/or numbers with assistance
- Fiction books shelved alphabetically by author’s last name

AUDIOVISUAL MATERIALS AND EQUIPMENT
- Materials other than books
- Understand audiovisual presentations

EVALUATION AND SELECTION TECHNIQUES
- Knows favorite authors and their works
- Can select appropriate materials

PARTS OF A BOOK
- Table of contents
- Dedication
- Glossary
- Title page and date of publication

LITERATURE APPRECIATION
- Familiar with characters
- Familiar with different forms
- Makes transition from picture books to fiction and non-fiction books

FICTION AND NON FICTION
- Understand difference
- Knows the two main categories
- Locates non-fiction books on a specific topic with assistance
- Locates appropriate fiction books

REFERENCE COLLECTION
- Locate reference collection
- Knows difference between reference and regular collection
- Sources are to be referred to, not completely read

BIOGRAPHICAL SOURCES
- Defines biography
- Locates biography with assistance

PERIODICALS
- Identifies periodicals
- Knows special subjects

PHYSICAL EDUCATION
- To develop body, spatial and temporal awareness
- To develop loco motor, manipulative and non-loco motor skills
- To integrate loco motor, non-loco motor and manipulative skills in movement dance, games and sports skills
- To develop an understanding of the benefits of regular physical activity that will lead to enhanced health and personal fitness
- To develop knowledgeable consumer behaviors in the areas of health and fitness
- To develop listening skills and safety awareness
- To develop an understanding of the general function and structure of the body
- To develop an understanding and appreciation for the rules, regulations, strategies and etiquette for movement, dance, games and sport
- To develop an appreciation for the aesthetic value and creative qualities of movement
- To develop self confidence and inter-personal skills
- To develop an understanding of group process through basic troubleshooting

STUDY SKILLS
- The student will located materials by call numbers and letters with assistance
- The student will select and locate non-fiction books on a specific topic with assistance
- The student will identify the following parts of a book: dedication and date of publication, copyright and its understanding
- Students will read a map and globe, understand a compass rose, major directions and intermediate directions to read a map
- The student will use diagrams, tables, graphs and schedules
- The student will take notes on a topic
- The student will summarize a story
**RHYTHMIC CONCEPTS**
- Note values reviewed
  - Half notes/ta-a
  - Half rest
  - Whole note/ta-a-a-a
- Note values made conscious
  - Dotted half note/ta-a-a in and time
  - Single eighth note/ti
  - Single eighth rest
  - Syncopa/ti-ta-ti
- Notes values prepared
  - Sixteenth notes/tiki-tiki
  - Dotted quarter note/ta-i

**MELODIC CONCEPTS**
- Syllable (interval) made conscious
  - Do
  - Re
  - Complete Pentatonic
  - Scale/Do-Re-Me-Sol-La
- Syllables prepared
  - High Do
  - Low La

**THEORY CONCEPT**
- Symbols
  - Dotted Half notes=tae-a-a=d
  - Eighth note=ti=?
  - Single eighth rest
  - Syncopa=ti-ta-ti=???
  - Do clef
  - Time Signature 3
  - All Time Signatures written
  - Fermata
  - Treble Clef note names
- Vocabulary
  - Octave
  - Solo
  - Tempo
  - Meter
  - Ritard
  - Unison
  - Treble clef
  - Pentatonic scale
  - Orchestra
  - Band
- Form
  - Canon-rhythmic and melodic
  - Rondo-speech and movement
- Orchestral Instruments

**RELATED ACTIVITIES**
- Continue speech activities
- Continue more complex movement activities
- Rhythmic improvisation
- Rhythmic dictation
- Melodic improvisation
- Melodic dictation
- Memory games
- Inner hearing games
- Role playing
- Conducting patterns
- Recorder
- Listening/various musical styles