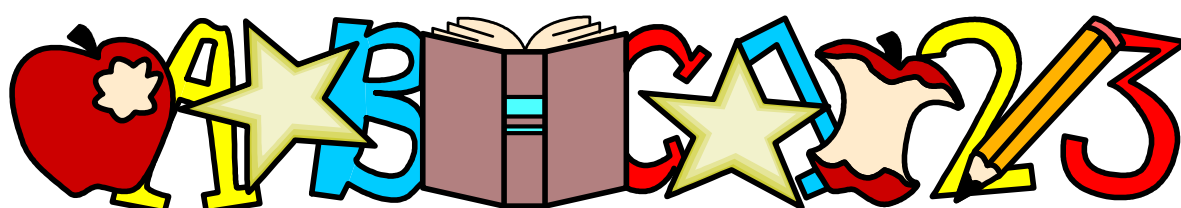# Milford Elementary School

Grade One

Curriculum Outline

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Reading

An overall scope of the first grade reading curriculum focuses on balanced literacy: guided reading, shared reading and independent reading. The main focus is on individual reading levels with the continuation of the mastery of skills as follows:

- Vocabulary and word recognition
- Word analysis:
  sound / symbol association
  structural analysis
  context clues
- Comprehension:
  Story elements: characters, setting, problem, solution, main idea, supporting details and story sequence
- Oral and silent reading: fluency

Assessment tools include the DRA and running records.

Written Language and Composition

- Parts of speech:
  nouns, verbs and adjectives
- Write words and sentences
- Write simple stories
- Participate in composing and copying class written poems and stories
- Capitalize and punctuate where necessary
- Handwriting (Each student will write legibly with correct spacing and letter formation.)

Application of all skills is expected in all content areas.

Phonics and Spelling

- Initial consonant sounds
- Ending consonant sounds
- Vowel sounds:
  long vowels
  short vowels
- Blends / digraphs:
  beginning
  ending

Mathematics

Number Sense and Numeration:

- Word names for numbers
- Name, write and order numbers to 100+
- Compare numbers using greater and less
- Identify odd and even numbers
- Place value to 100+
- Ordinal positions to twentieth
- Know addition facts (sums to twenty) and related subtraction facts and use them to solve problems
- Demonstrate the ability to add and subtract two-digit numbers accurately and efficiently
- Use estimation and know the difference between estimates and actual calculations
- Fractions 1/2, 1/3, 1/4

Patterns, Relations, and Algebra

- Identify, reproduce, describe, extend and create patterns
- Find missing pattern elements
- Identify patterns on the hundreds chart and number line
- Skip count by 2s, 3s, 5s, and 10s to 100+
- Construct & solve open sentences that have variables (+ 7 = 10)
- Write number sentences using +, $-$, $<$, $=$, and/or $>$ to represent mathematical relationships
- Sort objects (1 or more attributes)
- Explore commutative and associative properties

Geometry and Measurement

- Identify, describe, draw and compare two-dimensional shapes
- Identify and describe two-dimensional and three-dimensional shapes
- Identify shapes that have been rotated (turned), reflected (flipped), translated (slid) and enlarged.
- Describe the direction of translations
- Differentiate between symmetrical and asymmetrical shapes
- Compare weight, length, volume
- Measurement in inches and centimeters, pounds and kilograms, liters, cups, pints, quarts
- Tell time in five minute increments on analog and digital clocks
- Sequence days of the week and months of the year
- Identify all U.S. coins and the one dollar bill and their values
- Count and compare amounts of money
- Make change for amounts to one dollar

Statistics and Probability

- Gather data
- Organize, classify, represent, and interpret data using tallies, charts, tables, bar graphs, pictographs and Venn diagrams
- Make predictions of probability to decide which outcomes are most likely

Science

- Environment: Composting
- Earth and Space: Pebbles, Sand and Silt
- Physical Science: Solids and Liquids
- Life Science: New Plants

Social Studies

- History
- Major historical events, figures, and symbols related to the U.S. of America and its National holidays
- Geography: Map Skills
- Economics: Wants and Needs
- Civics/Government: Rules and Responsibilities
- Safety: Kids and Company

Library / Media Enrichment

The primary goal of this program is to broaden the experiences of all our students through literature. All children will be exposed to:

- Genres in literature (fantasy, realistic fiction, historical fiction, nonfiction, etc.)
- Various forms of poetry, rhymes, and chants
- Authors
- Illustrators
- Parts of a book
- Book handling
- Basic library skills

Computer Technology

- Strengthen skills in using the computer as a learning tool
- Develop an awareness of the functions of the basic computer system components: monitor, hard drive, keyboard, mouse, CD-ROM drive, printer
- Exposure to the keyboard through various activities geared to enhance the classroom curriculum

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