

MAP Primary Survey with Goals - Strand Descriptions

Mathematics:

1. Problem Solving
a) Understand and represent problems
b) Solution strategies
c) Reasoning skills
2. Number Sense
a) Whole Numbers – represent, identify, and count
b) Whole Numbers – compare and equivalence
c) Fractions – represent and identify
3. Computation
a) Combining and separating sets – concrete (addition, subtraction, introduction to multiplication and division)
b) Combining and separating sets – abstract (addition, subtraction, introduction to multiplication and division)
c) Word problems
4. Measurement and Geometry
a) Length, weight, money
b) Time and temperature
c) 2- and 3- D shapes
d) Spatial relationships, transformations, and symmetry
5. Statistics and Probability
a) Data organization and display
b) Graphs
c) Probability (likelihood)
6. Algebra
a) Patterns
b) Algebraic symbols and equations
c) Real-world problems

Reading:

1. Phonological Awareness
a) Phoneme identification
b) Segmenting
c) Blending
d) Rhyming
e) Phonemic manipulation of sounds (e.g., syllable, substitution, deletion, reordering)
2. Phonics
a) Consonants (e.g., initial, medial, final, blends and digraphs)
b) Vowel patterns (e.g., closed, open, silent e)
c) Spelling patterns (e.g., multi-syllable words)
3. Concepts of Print
a) Developmental reading skills(e.g., book concepts, text concepts)
b) Developmental writing skills (e.g., letter concepts, word concepts, writing stages)
c) Environmental print.
4. Vocabulary and Word Structure
a) Sight words
b) Synonyms, antonyms, homonyms, homographs
c) Base words, prefixes, suffixes
d) Compound words, contractions
Comprehension
a) Literal comprehension (including illustration meaning and sense of story)
b) Interpretive comprehension
c) Evaluative comprehension
6. Writing
a) Writing process (prewriting, drafting and revising, editing)
b) Conventions of language (capitalization, punctuation)
c) Language structure (e.g., the phrase, the sentence, sentence and paragraph building)
d) Grammatical patterns (e.g., classifying words, tense, word order and function)