

Milpitas Montessori School
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SECOND GRADE CURRICULUM

I. MATHEMATICS

- A. Place value of number up to millions
- B. Review of four arithmetic operations – addition, subtraction, multiplication and division
- C. Memorizing multiplication tables from 2 to 12
- D. Simple multiplication and division of 3- to 4-digit numbers without the material
- E. Story problems – solve problems by choosing addition, subtraction, multiplication or division
- F. Measurement of length, weight, and volume
- G. Time and money
- H. Geometry – enrichment of vocabulary and concepts
 - 1. lines, angles, shapes of plane figures, perimeter and lines of symmetry
 - 2. recognition of different shapes of solids
- I. Read and interpret bar graphs and pictographs
- J. Fractions

II. READING

- A. Oral reading
 - 1. attention to interpretive reading
 - 2. inflection
 - 3. vocal projection
 - 4. clear diction
- B. Poetry reading
 - 1. understanding the descriptive words in poetry
 - 2. comparisons in poetry
 - 3. rhythm and rhyme in poetry
- C. Vocabulary development
 - 1. context clues
 - 2. using the dictionary – list entry word, definition, parts of speech, and write a sample sentence using the word
- D. Comprehension
 - 1. Recall sequence or information
 - 2. Recognize main idea and characters
 - 3. Summarize
- E. Book Report
 - 1. Writing titles
 - 2. Plot, setting and characters
 - 3. Writing and summarizing
 - 4. Editing

III. LANGUAGE

A. Learning about sentences

1. Understanding statements, questions, commands and exclamation sentences
2. Subject and predicate

B. Grammar

1. Review and extension activities of noun, article, adjective, verb, adverb and preposition

C. Capitalization and punctuation

1. Use of uppercase letters in proper nouns, I and sentence beginnings
2. Use of period, comma, apostrophe and quotation

IV. SPELLING

A. Phonics development

B. Homonyms

C. Abbreviations

D. Word dictation

E. Cursive writing extension

V. CULTURAL ACTIVITIES

A. Science

1. Botany—trees, shrubs and herbs
 - a) parts of a plant—root, leaf and flowers
 - b) different kinds of roots
2. Zoology—living and non-living
 - a) Simple classification of animal kingdom—invertebrates and vertebrates
 - b) Recognition of different parts of animals of fishes, birds, reptiles and mammals
3. Solar system
4. Earthquakes, rocks and volcanoes

B. Geography

1. Continents
2. Countries of North America, South America, Europe, Africa and Asia
3. Oceans of the world
4. Different land forms and rivers
5. States and capitals
6. Country report

C. History and Social Sciences

1. Different cultures and people in community
2. History through holidays