

Hilltop Montessori School
Fourth Grade Readiness Profile

Student _____ DOB _____ School Year _____

MATH

- Identifies place value to the millions
- Rounds to hundreds or higher
- Abstractly computes dynamic addition and subtraction
- Knows addition, subtraction, multiplication, and division facts for 1 - 12
- Familiar with Hands-on Algebra kit and simple algebra
- Uses appropriate math vocabulary (quotient, dividend, divisor, product, multiplier, etc.)
- Understands concept of fractions
- Adds and subtracts fractions with like denominators
- Knows Roman numerals I to X
- Solves word problems with two or more steps and identifies operations required
- Identifies geometric shapes from triangle to octagon
- Identifies basic geometric angles (obtuse, acute, right)
- Identifies linear measurement (inch, foot, yard)
- Introduced to fractions and numbers on a number line

LANGUAGE ARTS and LITERATURE

- Independently reads on grade level or above
- Appropriately discusses literature in a small group
- Writes legibly in both print and cursive lettering
- Writes complete sentences with appropriate capitalization and punctuation
- Writes paragraphs with recognizable topic sentence, supporting sentences, and conclusion
- Determines simple subject and simple predicate from a given sentence
- Symbolizes simple and compound sentences with basic eight parts of speech
- Introduced to core research skills

SCIENCE and CULTURAL STUDIES

- Knows basic landforms
- Has completed parts of a leaf, flower, fish, amphibian, reptile, bird, mammal, mountain, volcano, flag, and the earth
- Understands fundamental needs of humans
- Completes pin maps using atlases or keys
- Identifies and locates the seven continents independently
- Identifies basic elements using five senses
- Identifies vertebrates and invertebrates
- Identifies the three states of matter
- Identifies divisions of time: second, minute, hour, day, week, month, and year
- Calculates elapsed time to five minute marks using a clock; distinguishes between AM and PM
- Makes scientific predictions
- Completes simple experiments independently with provided materials
- Is able to independently research and assemble a science fair project

TECHNOLOGY

- Knows keyboarding basics; uses all ten fingers for typing
- Creates or opens a Google document, types, and saves work
- Sets font in Google document and adjusts formatting
- Uses shift for capital letters and tab for beginning paragraphs
- Introduced to Google Slides basics (create a slideshow, add slides, add text, add graphics, save)

WORK ETHIC AND RESPONSIBILITY

- Independently chooses work from weekly work plan
- Independently manages time with regard to completion of weekly work plan
- Is able to work independently, with a partner, or with a group on an assigned task
- Completes a cycle of work without reminders or redirection from teachers
- Works neatly and appropriately heads papers with job title and date
- Is attentive and respectful in lessons up to twenty minutes in duration
- Participates actively in lessons and is eager to learn
- Respects self, others, the environment, and classroom materials
- Exhibits physical self-control on a regular basis
- Exhibits verbal self-control on a regular basis
- Follows oral and written directions
- Can be trusted to self-check work
- Is self-directed and self-motivated at school
- Transitions easily (i.e. between Spanish and work time)
- Is able to independently lead/present a lesson
- Solves interpersonal issues using conflict resolution skills