

BENCHMARKS

ELEMENTARY - 6TH GRADE

Language Arts

Reading and Comprehension

- Read a variety of literary genres
- Demonstrate comprehension, analysis and evaluation of various literary genres
- Understand story elements: plot, conflict, style, theme, character, analysis, problem and solution, antagonist, protagonist
- Analyze and apply voice: first person, third person and omniscient point of view
- Demonstrate understanding of a work of historical fiction and awareness of the characteristics of the genre evident in the work
- Select books for personal reading enjoyment and development
- After reading a novel, analyze a character of your choice, and using gathered information, determine why the character behaved in a certain way during a conflict or while solving a problem.

Writing

- Write, revise, evaluate, reflect on and publish for a variety of purposes and audiences
- Write to respond to reading and to explore personal feelings and events
- Use cursive or word processing to create original works
- Use the writing process to create narrative, expository and persuasive writings
- Use cursive writing to create original works
- Use the writing process to create a portfolio of writing
- Write a convincing persuasive essay

Grammar and Spelling

- Understand and use capitalization, punctuation, parts of speech and standard spelling through the writing process

Research

- Select appropriate reference materials, including the use of technology
- Use the basic elements of the research process
- Complete and present three graded research projects per year
- Use the research process to write research papers that include at least three sources of information. Final copies will be developed through the use of the writing process

Math *(Numbers in parentheses indicate grade level(s) covered in a Montessori classroom)*

- History of Mathematics *(4,5,6)*
- Writing percents
- Finding percent of a number
- Finding discount and sale price
- Writing ratios
- Recognizing proportions
- Writing fractions, decimals and percents
- Using percent
- Finding the total cost, including sales tax
- Using proportions to solve word problems
- Solving problems about installment purchase
- Adding and subtracting integers
- Multiplying and dividing integers
- Finding a percent when the number is given
- Finding a number when the percent is known
- Relationships between quantities involving multiple operations (order of operations)
- Calculation of square roots *(5,6)*
- Calculation of the square of a binomial *(5,6)*
- Calculation of the square of a trinomial *(5,6)*
- Reading and writing Roman Numerals (I, V, X, L, C, D, M) *(4,5,6)*
- Time conversions *(4,5,6)*
- Adding and subtracting time *(4,5,6)*
- Create and solve problems dealing with proportion
- Use and appropriate tools to make geometric constructions
- Explore surface area, and extend understanding of volume and perimeter.
- Determine probability of independent, dependent and compound events
- Compare and order integers, and explore the concept of absolute value
- Use number properties to solve algebraic equations
- Solve word problems related to practical application of percents
- Estimate answers using mathematical reasoning
- Solve multi-step word problems using a variety of strategies
- Explore and extend patterns