



# Buckhead Preparatory Preschool

## Math and Language Arts

### Curriculum Specifics

#### K-4&K-5

*Our school's curriculum is strongly based on building the child's self-esteem, independence, and work habits. We believe that children will be most successful when they are interested in an activity and choose that work on their own. However, just because the children are given the opportunity to explore their environment, their education is anything but neglected. Here is a little bit of what our K-4 and K-5 children learn...*

#### **K-4**

##### **Math**

With our four-year-olds, we work on counting to 1,000, writing numbers 0-100, and identifying numbers 0-9,999. Many of our children will memorize most of their addition facts, multiples, perfect squares, and square roots this year. Our children learn the names of many plane shapes (curvilinear triangle, isosceles trapezoid, quatrefoil, etc.) and geometric solids (sphere, cone, square based pyramid, etc.) this year as well.

##### **Language Arts**

###### Handwriting

We work on correctly forming letters and writing the alphabet legibly.

###### Spelling

In kindergarten, we have spelling tests in which we require the children to learn the standard spelling of words, but at this age, our children - armed with knowledge of phonics - spell words how they sound.

###### Reading

Most of our four-year-olds all ready know their letter sounds. Once they have reached this point, they are soon reading words, sentences, and even books!

#### **Kindergarten**

##### **Math**

In kindergarten, we work on learning place value and notation for numbers through the thousands. We teach our children all their addition facts, many of their subtraction facts, and most (if not all) of their multiples. We introduce the concept of division as well as the basics in money, time, and fractions. (By the end of the year,

many of our children add and subtract fractions with the same denominator and can multiply fractions as well!)

## **Language Arts**

### Reading

Our kindergarteners are working on reading fluently. They can already read short- and long-vowel words and have been introduced to many phonograms. During the course of the school year, they work on learning the rest of their phonograms and quickly reading 81 common “puzzle”/sight words.

### Spelling

In kindergarten, we have spelling tests (non-reported grades) in which we require the children to learn the standard spelling of the Dolch words (the 220 most frequently used words in children’s books), numbers through twenty, the days of the week, and the months of the year.

### Writing

We work on constructing paragraphs with a main idea and supporting sentences and writing sentences with correct capitalization (for proper nouns and first words of the sentence) and ending punctuation.

### Sentence Analysis

We introduce nouns, verbs, adverbs, adjective, indirect and direct objects, appositives, and “extensions” (adjectival and adverb phrases). With this introduction, we find that children’s speech and writing blossom and become much more descriptive.

### Word Study

We play games with the children, exploring antonyms, homonyms, synonyms, singular/plural, prefix, suffix, and compound words. We study words and how they change (or do not change) and notice spelling differences (singular vs. plural) and how similar words can suggest a shade of difference in meaning.