

# First Grade

## Curriculum and Program Highlights

### Language Arts

- Count number of syllables in words
- Identify base/ root words, compound words, and possessive nouns, prefixes and suffixes
- Identify and associate pronouns to nouns
- Initial blends, final blends, and digraphs
- Listen purposefully and follow directions accurately
- Identify synonyms, antonyms, and homonyms
- Identify parts of speech; nouns, verbs, adjective, adverbs and pronouns
- Memorize and recite poetry
- Hard and soft c and g
- Distinguish between reality and fantasy
- Monthly book reports
- Follow written instruction
- Use table of contents
- Use question mark, and period, and comma in date correctly
- Print letters correctly
- Write with fluency to at least three sentences on a topic

### Mathematics

- Understand adding across and down
- Recognize  $>$   $<$  and is not equal symbols
- Know addition and subtraction facts 0 to 20
- Recognize even and odd numbers
- Write and solve number sentences from word problems using  $+$  and  $-$ .
- Understand place value to 10's, time and measurement
- Understand time and money concepts
- Recognize and write fractions
- Use inches and centimeters to take measurements

- Add and subtract two and three digit numbers
- Begin multiplication and division
- Interpret graphs
- Identify basic geometric shapes

## **Social Studies**

- Recognize similarities and differences between own family and others
- Demonstrate understanding of feelings and friendship
- Recognize country, symbols, and holidays
- Understand the compass four directions and map symbols
- Develop an awareness of current events
- Make and read neighborhood map
- Identify geographic features
- Distinguish between wants and needs and goods and services
- Identify natural resources

## **Science/Health**

- Observe matter, air, water, and plants, and weather
- Learn about a variety of subjects, such as: solar system, insects, rocks and minerals, dinosaurs, ocean creatures, etc.
- Learn about anatomy
- Discover living things; plant, animal, virus or bacterium
- Learn about nutrition
- Learn about the spread of germs
- Interact with the weekly hands on science experiments

- Invention Unit –Prepare a display to present at school wide event
- Recognize tools and procedures used in science

## **Physical Education**

- Ball skills through games, relays, and obstacle course activities
- Upper body strength through jungle gym and playground games
- Practice positional concepts for games
- Learn to care for self, materials, space, and playground environment
- Rules of games and sportsmanship

## **Computers**

- Identify various parts of the computer
- Recognize and use return key, space bar, shift key, backspace, arrow keys, and function keys
- Upper case and lower case
- Know the difference between 0 and o
- Use proper fingers on proper keys
- Knowledge of computer menu and use of cursor
- Utilize software programs at teacher direction

## **Specialized Programs**

- Field trips
- Accelerated Reading (rewards program)
- Invention Convention
- French
- Individual and group performances for students and parents
- Spectra Art (art appreciation curriculum)
- Junior Achievement (economics and capitalism)
- EPGY Stanford distance computer learning for talented students in mathematics
- Brain Ware (cognitive development on computers)
- Monthly book reports
- Journals and writing procedures
- Handwriting carefully supervised

- **Friendship classes**
- **Daily hot lunch**
- **Skiing, martial arts, chess, tennis available**
- **Music for musical presentations**