

# Sixth Grade

## Curriculum and Program Highlights

### Reading/Literature

- In class and small group discussion on selected stories and books
- Library terms, usage and techniques
- Increased vocabulary development
- Monthly book reports
- Guided to choose their literature therefore exerting ownership
- Analysis and critique will be emphasized
- Daily writing in journals
- Read for pleasure on a regular basis
- Read newspapers, periodicals, and learned from media sources
- Give orderly oral reports
- Construct research paper from researched material
- Develop topic sentences for paragraphs
- Take notes from a variety of sources: complete rough draft
- Demonstrate independence producing report on assigned topic
- Poetry in free verse form

### English

- Sentence skill writing and language usage will be explored
- Writing of paragraphs, narratives, book reviews, and research reports
- Capitalize and punctuate direct and broken quotations
- Parts of speech and punctuation
- Identify and use compound and complex sentence structure
- Spelling, handwriting, and drama are also reinforced

### Mathematics

- Whole numbers, fractions, decimals, and integers in all of the operations
- Use Roman numerals through 499
- Simple geometry
- Percent, measurement, problem solving, and applied math
- Writing and speaking skills will be developed working in small groups on demonstrating concepts, and problem solving
- Write fractions for ratios
- Simple equation solving, hands on if necessary
- After these skills are mastered, they will change to a class that best fits their Math developmental level
- Stanford University distance learning is available as a supplement for advanced students

### Science/Health

- Reading, experiments, note-taking, demonstrations, in individual and small group activities
- General science topics: plants, animals, matter, oceans, energy, motion
- Practice scientific method and critical thinking
- Earth sciences will be explored, including universe, structure of the earth, changing earth and geologic times
- Learn about the use and misuse of substances: drug awareness
- A short human sexuality unit will also be included
- Prepare a science experiment for school wide and regional competition along with a research paper from researched materials

## **Social Studies**

- Interpret information from charts, maps, graphs
- Study ancient civilizations of the world
- Current events
- Geography will be emphasized
- Understand the causes and effects in the geopolitical realm
- Recognize significance of the constitution and Bill of Rights
- Demonstrate an appreciation for the value and meaning of money, economics and capitalism
- Current events and world situations
- Report using guided exploration of the internet for research

## **Physical Education**

- Develop stamina for running during cardiovascular workout
- Refine throwing, catching, punting, dribbling, kicking, ball skills
- Develop skills at Lakeridge Tennis Club in swimming, tennis, weights, basketball, soccer, and volleyball guided by the Brookfield coaching staff
- Develop personal sense of wellness
- Demonstrate sportsmanship

## **Computer**

- Extend knowledge of IBM environment including loading, and running software, retrieving personal writing, graphic enhancements
- Extend keyboarding skills
- Power Point projects
- Use of computer for assignments involving, writing, problem solving
- Responsible for careful care when borrowing school laptops
- Utilize increasingly complex programs at teachers direction, including some Writing and editing using spell check, and other functions
- Maintain individual disk with personal writing
- Responsible use of the Internet and the World Wide Web

## **Specialized Programs**

- Project Discovery field trip to Sky Tavern for team building ropes course
- Field trips
- Accelerated Reading (rewards program)
- Invention Convention
- French and/or Spanish and Latin
- Spectra Art (art appreciation curriculum)
- Handwriting carefully supervised
- Friendship classes
- Daily hot lunch
- Skiing, martial arts, chess, tennis, Spanish, and clay class available
- Music for musical presentations
- Science camp, west coast and east coast, or Europe travel experience
- Lakeridge Tennis Club is available
- Elective classes such as journalism, guitar, cooking, art appreciation, yearbook preparation
- Economics through Junior Achievement is explored
- Lessons in boarding or skiing are available in winter