

# Fifth Grade

## Curriculum and Program Highlights

### Reading/Literature

- Recognize fact vs. opinion, logic
- Predict outcomes
- Recognize journalistic writing: editorials, cartoons, reviews, factual reports
- Recognize author's attitude and purpose: mood, figure of speech, exaggeration, and personification
- Recognize and interpret idioms, story plot
- Vary reading technique: reread, skim, preview, adjust rate
- Locate and interpret standard book features: head notes, footnotes, graphic aids, maps, entry words, section heading, cross reference
- Read for pleasure on a regular basis
- **Monthly book reports**
- Read newspapers, periodicals, and listen to news on a regular basis
- Effectively report information 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
- Write differentiating face from opinion
- Write in style of fable, folk tale, fairy tale

### English

- Use appropriate form of irregular pronouns
- Capitalize proper nouns, historical, and calendar events, geographical names
- Capitalize and punctuate direct and broken quotations
- Identify and use prepositions, conjunctions, interjections in writing
- Identify linking verbs
- Identify adjectives and adverbs in noun phrases
- Identify pronoun and antecedent
- Identify and use compound and complex sentence structure

### Mathematics

- Saxon 4
- Divide by 2 and 3 digit divisors and with 0 in quotient
- Use Roman numerals through 499
- Multiply to multiples of 1000
- Add, subtract minutes and seconds with borrowing
- Find earnings on an hourly basis
- Graph and write ordered parts for points on graph
- Write fractions for ratios
- Calculate fractions with different denominators and mixed numbers and improper fractions
- Multiply decimals
- List prime factorization
- Find multiples, least common multiple, find greatest common factor
- Use equivalent forms: fraction, decimal, percent
- Solve multiple step word problems
- Solve problems using averages, fractions, mixed numbers, time, distance
- Use deduction to explain relationships
- Calculate percentages
- Order of operations
- Identify Prime numbers
- Square roots
- Demonstrate understanding of probability
- Recognize prime and composite numbers
- Identify parallelogram, rhombus, pentagon, hexagon, octagon, decagon
- Identify isosceles, equilateral, and scalene triangles
- Use formulas to determine area of square, rectangle, triangle
- Math journals
- 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
- A short human sexuality unit will also be included
- Expert Museum Participation
- Practice scientific method
- Explore matter: identify, composition, behavior
- Nervous system
- Learn about the use and misuse of substances: drug awareness
- Invention Unit –Prepare a display to present at school wide event

## **Social Studies**

- Interpret information about our country from charts, maps, graphs
- Identify states and capitals
- Current events
- Explore the colonization of America
- Understand the causes and effects of the American Revolution
- Recognize significance of the constitution and Bill of Rights
- Study and write about American Presidents
- Develop knowledge of our court system
- Demonstrate an appreciation for the value and meaning of money
- Current events and world situations
- State report

## **Physical Education**

- Develop stamina for running during cardiovascular workout
- Refine throwing, catching, punting, dribbling, kicking, ball skills
- Develop skills in track and field, 50 yard dash, long jump, and softball throw
- Extend skills and confidence in basketball, soccer, and volleyball
- Demonstrate sportsmanship
- Use of Lakeridge Tennis Club for training in tennis, swimming, weights, basketball

## **Computer**

- Extend knowledge of IBM environment including loading, and running software, retrieving personal writing, graphic enhancements
- Extend keyboarding skills
- Power Point projects
- Knowledge and use of E-mail
- Essential computer terms
- Utilize increasingly complex programs at teacher direction, including some writing and editing using spell check, and other functions
- Maintain individual disk with personal writing

## **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