

Kindergarten

Math: One to one correspondence will be developed within the context of work and play. Counting will be done from story or song. Children will work with color and size differentiation, again within the context of their play. They will also have a basic understanding of simple addition through double digits.

Literature and Grammar: Children will be exposed to literature through fairy tales and folk tales from around the world presented orally and/or through puppet plays. They will also be involved in their own productions. The instructor, with appropriate movement and song as accompaniment, will also present narrative poetry and nature stories. Rhyming and alliteration will be emphasized through creative song.

Science: Nature stories, nature walks, gardening, basic understanding of the change of seasons, and days of the week.

Music: Singing, exposure to kinder-harps and the Choroi glockenspiel as well as simple percussion instruments, a broad presentation of songs throughout the history of this country and in a variety of different languages.

Art: Weekly watercolor painting, beeswax modeling, coloring, sewing, finger knitting, and various crafts, including woodworking.

Foreign Language: Spanish through songs, games, and stories. Songs also sung in Hebrew, Swahili, and German. Parents are encouraged to come into the class to offer songs in other languages as well.

Handwork: Finger knitting

History and Social Studies: Multicultural stories from around the world as well as discussions about the importance of family.

First Grade

Math: Qualities of numbers and introduction to the four operations of arithmetic: addition, subtraction, multiplication, division.

Literature & Grammar: Pictorial and phonetic introduction to letters, fairy tales from around the world, poetry recitation, word families.

Science: Nature stories, nature walks, observations, and gardening

Music: Singing, and pentatonic flute.

Art: Form drawing, watercolor painting, beeswax modeling, and crayon illustrations.

Foreign Language: Spanish through plays, songs, rhythms, and games.

Handwork: Knitting.

History and Social Studies: Multicultural stories.

Second Grade

Math: Continue with four operations of arithmetic, story problems, counting by 2, 3, 4, and 5; begin multiplication tables.

Literature and Grammar: Elements of grammar (nouns, verbs, adjectives); cursive writing; animal fables, hero stories, and legends from around the world.

Science: Garden and nature studies; field observation.

Music: Singing, and pentatonic flute.

Art: Continue form drawing, watercolor painting, beeswax modeling.

Foreign Language: Spanish continued: plays, songs, poetry, games and simple conversation.

Handwork: Knitting patterns.

History and Social Studies: Multicultural stories.

Third Grade

Math: Higher multiplication tables, continue work with four processes, weights, measures, length, volume, money, time, and simple fractions.

Literature and Grammar: Elements of grammar (nouns, verbs, adjectives, prepositions, pronouns, conjunctions, and contractions), sentence structure, continuing cursive writing, punctuation, compositions, stories from ancient history, written reports, and oral presentations.

Science: Continuation of garden and nature studies (ecosystems).

Music: Singing, lyre, and pentatonic flute.

Art: Continue form drawing, watercolor painting, and beeswax modeling.

Foreign Language: Spanish continued: songs, plays, poetry, and conversation.

Handwork: Crochet, spinning, weaving, and dyeing

History and Social Studies: Study of practical life: farming, house building, clothing and cooking.

Fourth Grade

Math: Higher multiplication tables, four digit multiplication, long division, fractions, measurement, introduction to decimals.

Literature & Grammar: Elements of grammar, continuing cursive writing, punctuation, book reports, creative writing, writing strategies (paragraphs, central ideas, prewriting, drafting, revising, editing), narrative writing, response to literature, informative report writing, summary writing, Norse mythology, The Kalavala, historical novels, and Native American stories.

Science: Zoology and continuation of nature studies.

Music: Singing, violin, and recorder.

Art: Advanced form drawing, painting, and beeswax modeling.

Foreign Language: Spanish immersion (introduce basic grammar and verb conjugation).

Handwork: Cross-stitch and embroidery.

History & Social Studies: California and local history.

Geography: California and local geography, map making.

Fifth Grade

Math: Decimals, fractions, metric system, and introduction to geometry.

Literature and Grammar: Elements of grammar, continuing cursive writing, punctuation, organized compositions, Ancient culture myths (India, Mesopotamia, Persia, Egypt, and Greece), book reports, research reports, and presentations.

Science: Botany, garden and nature studies.

Music: Singing, recorder, strings, woodwinds, and brass.

Art: Calligraphy, watercolor painting, and clay modeling.

Foreign Language: Spanish continued (grammar, tense, and reading), Greek.

Handwork: Four-needle knitting (hats, socks, and mittens).

History and Social Studies: Ancient civilizations through Greek times.

Geography: American geography as related to vegetation, agriculture, culture, and economics.

Sixth Grade

Math: Algebra, ratios, proportions, and geometric drawing with instruments.

Literature and Grammar: Composition, grammar, spelling, biographies, and book reports.

Science: Mineralogy, geology, physics (acoustics, electricity, magnetism, optics, and heat), beginning astronomy, nature studies.

Music: Singing, recorder, strings, woodwinds, brass, and percussion.

Art: Calligraphy, watercolor painting, clay modeling, and woodwork.

Foreign Language: Spanish continued (grammar, reading, and writing), Latin.

Handwork: Hand-sewn animals and dolls.

History and Social Studies: Roman and Medieval history.

Geography: North America and South America.

Seventh Grade

Math: Algebra, mathematical thinking/theory, problem solving, and geometry.

Literature and Grammar: Creative writing, poetry, grammar, spelling, punctuation, classical literature, formal composition, and book reports.

Science: Physics (mechanics), anatomy/physiology (circulatory, respiratory, reproductive, and nervous systems), astronomy, inorganic chemistry, health/nutrition, and nature studies.

Music: Singing, recorder, strings, woodwinds, brass, and percussion.

Art: Calligraphy, clay modeling, watercolor painting, perspective drawing, and oil pastels.

Foreign Language: Spanish continued (conversation, short essays, grammar, and reading).

Handwork: Hand-sewn clothing.

History and Social Studies: end of the Middle Ages, the Age of Exploration, and the Renaissance.

Geography: Europe and Asia.

Technology: Computers introduced (research and word processing).

Eighth Grade

Math: Practical applications of arithmetic, algebra, geometry, and stereometry (volume).

Literature and Grammar: Creative writing, formal composition, grammar, spelling, short stories, poetry, and Shakespearean drama.

Science: Physics, organic chemistry, anatomy/physiology (muscular, skeletal, optical, and aural), meteorology, and nature studies.

Music: Singing, recorder, strings, woodwinds, brass, and percussion.

Art: Calligraphy, sculpture, painting, perspective drawing, charcoal drawing, portraits, oil pastels, and modern art.

Foreign Language: Continue in Spanish (practical conversation, grammar, reading, and essay).

Handwork: Machine-sewn clothing.

History and Social Studies: Elizabethan England, world economics, the Age of Reason, the Industrial Revolution, and U.S. History to present.

Geography: Africa and world geography.