



Gateway School's Curriculum Guide, Lower Division Grades K-4th

<p>September 2006. While basic concepts remain the same, some aspects of the curriculum evolve in response to experience and need. The Curriculum Guide is current as of stated date. Units of study in social studies and science provide a context for much of the writing, reading and math activities in Gateway's integrated curriculum. * An asterisk indicates a course taught by consultants.</p>	<p style="text-align: center;">K</p> <p>Kindergarten gently opens the doors to schooling through play and learning. Classrooms provide predictable structure and opportunities for both teacher and student initiated exploration. A full day program embraces the energy bursts and lulls in our busy kindergartners' day.</p>	<p style="text-align: center;">1st</p> <p>First grade is full of toothless grins and rapid social, cognitive & physical growth. Classes blend hands-on, concrete experiences and discussion rich with abstract concepts. Students are encouraged to make responsible choices as they gain ownership of their learning and physical growth.</p>	<p style="text-align: center;">2nd</p> <p>Second grade is a year of intensity cognitively, physically and socially. Insatiable curiosity drives the second grader to question and discover. The curriculum weaves observation, discussion, research and activities through each topic. There is a constant layering of skills as students experiment, create and connect what they already know with the new.</p>	<p style="text-align: center;">3rd</p> <p>Third grade overflows with the imaginative plans of big thinkers who feel competent and ready to use their skills. Students independently and collectively explore new ideas and grapple with change. Teachers provide support for students to voice their opinions and emotions.</p>	<p style="text-align: center;">4th</p> <p>Fourth graders take on larger social issues, responsibility and fairness. The bonds with peers grow in importance. Ample opportunities for self expression and creativity help students develop their voices and feel competent and successful.</p>
<p>Social Studies The Social Studies program incorporates an understanding and teaching of age-appropriate skills, community awareness and participation, and local and global cultural awareness and understanding. Students in every grade study geography and peoples of other cultures in age appropriate ways. Historical understanding is built upon every year in addition to the study of current world issues in middle school. Gateway utilizes class meetings and a Conflict Resolution program that allows for students and teachers to address social issues. All grades contribute to building and caring for the school community, and in middle school, all students undertake community service projects.</p>	<p>Social & Inter/Intra Personal Relationships Social Skills Friendship Building Rules/Procedures Cooperation Group Membership Kidpower Program – Feeling Safe Problem Solving Conflict Resolution Community Awareness & Understanding In Our Community Native Animals & People Family Traditions Seasonal Celebrations Geographical,Cultural&Historical Understanding Around the World – Globe/Maps Dolls/Food/Animals from around the world International Celebrations</p>	<p>Social & Inter/Intra Personal Relationships Our classroom Rules & procedures Cooperation Respect Kidpower Program: Knowing You Have Power Community Awareness & Understanding Holidays: national & international Geographical,Cultural&Historical Understanding Our neighborhood Community helpers Careers Our town Maps Animal Communities: tidepools</p>	<p>Social & Inter/Intra Personal Relationships My Family & Me Communications Lab Community Awareness & Understanding Community Traditions/Celebrations Dia de los Muertos Geographical,Cultural&Historical Understanding Civil Rights Women Studies African-American History Communication Lab People, plants and animals native to CA</p>	<p>Social & Inter/Intra Personal Relationships Class Meetings Conflict Resolution Lessons & Role Play Kidpower Program: Getting Help Geographical,Cultural&Historical Understanding Santa Cruz History Ohlones Explorers Mission settlement First Pioneers & Western Expansion Ranches Italian Immigrants Chinese Immigrants Local Businesses</p>	<p>Social & Inter/Intra Personal Relationships Kidpower Program – Using Your Awareness Geographical,Cultural&Historical Understanding California geography - Regions, resources California history from early peoples to present day including: Spanish settlement The Mission period The Gold Rush Statehood The Great Depression 20th Century Events Other selected topics such as immigration – past & present Kindergarten Buddy classes: mentoring and developing cross-age relationships</p>
<p>Language Arts <u>Reading/Literature:</u> Students at all ages are exposed to a depth of literature from many genre, engaging students in active listening and discussions that bring to light the richness of the works. The primary reading program combines this language-rich environment with the progressive development of phonemic skills. Weaving together stories, songs, chants and poetry with the blending and segmenting of letter sounds in increasing complexity forms the foundation of our early reading program. The Upper grades continue this literature-rich environment with the goal of developing capable, reflective, thoughtful and passionate readers. Students read independently, with partners, in small groups and structured literature circles. Students engage in discussions, reflect through writing, develop through personal relevance to a wide range of literature. <u>Writing:</u> At Gateway, we see writing as one of the important ways in which we communicate all aspects of our life and learning. Writing in its various forms occurs across the curriculum. Students gain an understanding of the writing process and while we emphasize excellence in the final product, we believe that the process of writing is equally important. Through the progressive introduction of grammar, spelling, and punctuation skills coupled with the development of purpose, style and voice students gain competence in the flexibility and the power of the written word.</p>	<p>Pre-Reading & Writing Letter recognition –upper/lower case Print awareness Retelling: summarizing, main ideas Oral expression Self Expression through dictations of their stories and poetry Listening skills Sequencing ideas Sound/symbol correspondence Simple sight words Developing phonemic awareness Letter formation: lower and upper case Beginning use of invented spelling Conveying simple ideas in writing Beginning reading Listening and responding to fine literature</p>	<p>Reading Expanded body of sight words Recites familiar text Follows/engaged with read aloud Developing phonemic awareness: segments, blends, manipulates sounds Develops expression Applies decoding skills Uses context clues Self corrects Begins to interpret Writing Expresses thoughts & ideas Writes for a variety of purposes Uses basic ending punctuation & grammar Uses invented spelling strategies Spells some high frequency words correctly Handwriting & letter formation: upper & lower case</p>	<p>Reading Has high frequency word recognition Applies phonemic & decoding skills in reading, writing and spelling Uses context clues Reads aloud with developing fluency and expression Developing comprehension: literal and interpretive Reads different genres Reads independently Writing Express thoughts in writing Use basic writing mechanics: full sentences, punctuation Begin to self edit Developing descriptive, expressive writing Practice dictionary skills & report writing Beginning research skills & report writing Introduce cursive penmanship Spell words using phonemic patterns Increasing knowledge of High Frequency words</p>	<p>Reading Beginning fluent reading Word analysis & vocabulary development Identifies main ideas and details Chooses books independently Begins to read for information in math, history and science Writing Uses steps of writing process – mapping/pre-writing, writing, editing, publishing Beginning use of topic sentence, paragraphs, punctuation Writing shows organization & logical sequence Report writing – outline, draft, final draft & resource use Cursive penmanship expanded Applies phonetic spelling strategies</p>	<p>Reading Participates in literature circles, & independent reading of age appropriate books Reads different genre Identifies main ideas & details Interprets using fact, example, detail & opinion Literary response includes– perspective, character development, cause & effect, conflict & resolution, protagonist/antagonist Writing Paragraph structure, main idea, detail, description Expository, narrative, descriptive, poetry Expanded understanding of writing process Basic report writing: gathering research, reading for information, notetaking, outlining, drafting, editing, revising, and final draft Use of figures of speech Applies spelling strategies through word families & personal words Practices use of cursive writing; develops own "hand" Learns keyboarding skills</p>
<p>Math Everyday Mathematics provides a strong conceptual foundation with a hands-on focus and problem solving orientation. It emphasizes the application of mathematics to real world situations. Numbers, skills and mathematical concepts are linked to situations and contexts that are relevant to everyday lives. The curriculum provides numerous opportunities for incorporating mathematics into daily classroom routines and other subject areas. Activities balance teacher-directed instruction with opportunities for open-ended, hands-on explorations, long-term projects and on-going practice. It provides numerous methods for basic skills practice and review. Students are encouraged to explain and discuss their mathematical thinking, in their own words and drawings which gives them the chance to clarify their thinking and gain insights from others.</p>	<p>Write numbers, observe patterns Order numbers, compare numbers, greater than/less than Develop problem solving skills Identify object using attributes Explore basic geometric shapes (triangle, circle, square, rhombus, trapezoid, hexagon, etc.) Explore symmetry Experiment w/ volume Read analog & digital clock times, develop sense of hour duration Make bar graph & discuss information Introduction to addition Introduction to subtraction Introduction to coins Introduction to measuring</p>	<p>Write, count and compare numbers Observe and complete patterns Prepare for basic addition and subtraction Tell time to nearest hour and half-hour Calculate combinations of pennies, nickels, dimes and quarters Create and solve number stories Use standard units for measuring length and temperature Understand place value Develop fact power Find many names for a number Sort and identify shapes by attribute Explore beginning fraction concepts Collect, record and display data Use a variety of manipulatives to support mathematical understanding</p>	<p>Review order of magnitude in place values Develop addition & subtraction fact power Tell time to nearest five minutes Collect, order, record, display & interpret data Identify equivalences of coins & make coin & bill exchanges Solve subtraction and addition number stories Solve comparison number stories;-use diagrams & write number models Find and use rules for number patterns Recognizes & compares shape attributes Write number models w/ three addends Expand multiplication & division readiness Compare weights of different objects w/ pan balance Explore ways to measure Calculate elapsed time on a timeline Identify equivalent fractions Name fractional parts Explore uses of decimals</p>	<p>Begins to model and name fractions & mixed numbers Extend decimal notation to tenths & hundredths Solve number stories w/ 2+ operations Explore different multiplication methods Use division to solve equal sharing & equal grouping problems Classify, solve problems & play games w/ attribute pieces Introduce & explore center, circumference and diameter of circles/circular objects Review symmetry: meaning, properties, lines Measure circumference & diameter Investigate relationship between area & lengths of sides in rectangles & squares Introduced to finding median, mode, mean, maximum, minimum & range</p>	<p>Names and constructs geometric figures Use of protractor, compass and geometric template Organizes data in graphs and other displays Adds and subtracts multidigit numbers Masters basic multiplication facts Alternative algorithms for multiplication/division including partial product, partial quotient and lattice methods Introduce algebraic equations/number stories: open sentences, use of parentheses, determining true/false number sentences Decimals and their uses: comparing, ordering, estimation, interpreting as remainder, equivalent fractions and their relationship to decimals Determine perimeter and area using formulas. Scale drawings and layout Convert fractions and decimals to percents, compare percentages</p>
<p>Science Students have opportunities to use the scientific method of open inquiry and become familiar with the language and philosophy of science. They actively investigate questions and phenomena. They develop the scientific skills of observing, comparing, measuring, questioning, hypothesizing and inferring while studying facts, unifying concepts and theories. Through investigation, collaboration & discussion, students gain an understanding of the objects and systems that surround us in our daily lives. The program utilizes the rich natural environments surrounding the school - the ocean, Lighthouse Field and local coastal ranch lands - as the laboratory to learn the principles of the earth, life and physical sciences. Curriculum includes the MARE program (Marine Activities, Resources & Education), and our award-winning Life Lab program.</p>	<p>MARE Habitat: Ponds Properties of water Organisms Environments Life Lab – Great Explorations 4 essential life elements: soil, water, sun, air Soil science: decomposition, physics of water absorption, surface tension, adhesion Garden animals: identify, classify & compare Salad & popcorn feast Other Units Life Cycles Oviparous cycle – hatching eggs Silk worms Moon cycle – night animals, light, reflections Calendar cycle Seed cycle Explorations w/ magnets, mixtures, light Health</p>	<p>MARE Habitat: Rocky Seashore Properties of water Tides, waves Adaptation Homes Types of organisms Life Lab: Diversity & Cycles Anatomy/physiology of seeds, plants Seasonal cycles of trees Water cycle Marigold cycle Salad, popcorn & "3 sisters" feast Other Units Solids, Liquids, Gases Environmental Awareness- energy conservation</p>	<p>MARE Habitat: Sandy Beach Formation/transportation of sand Food chains Adaptation Life cycles Litter/Pollution Life Lab: Change Food webs Flow of energy Physics of air: weight, pressure, space Native plants & native foods Marigold cycle Peter Rabbit garden salad feast Other Units The human skeleton Ocean mammals Health Native California plants & animals</p>	<p>MARE Habitat: Wetlands Tides Water mixing Food Webs Life cycle and uses of kelp plant Crayfish Investigations Adaptation Life Cycles Habitat loss Life Lab-Structure & function Weather station: data collection, prediction, experiments Tools as simple machines Organisms & habitats Salad, salsa, spaghetti squash & french fries feast Other Units Redwood habitat Local wetland animals and birds Health and nutrition</p>	<p>MARE Habitat: Kelp Forest Systems and interactions Fish formation and adaptations Life cycle and uses of kelp plant Ambassadors of kelp forest: sea otters Kelp forest & inhabitants construction Life Lab Interactions Light, nutrient, water interaction Photosynthesis Transpir. capillary action Solar energy Salad, Spaghetti squash & pesto & pizza garden Other Monarchs – habitat, observation, life cycle & migration Science of flight: paper planes and stomp rockets</p>

	K	1st	2nd	3rd	4th
<p>Spanish</p> <p><i>The focus of Spanish classes at all grade levels is to impart a love of the Spanish language and an appreciation for Hispanic cultures. If children can hear, see and experience the sounds, gestures and feelings for a foreign language, they will develop an ear, not only for Spanish but also for other foreign languages and for language acquisition in general. Students develop early language skills through a multi-faceted approach of songs, poetry, stories, art, drama, rhythm, conversation, visual aids, vocabulary building and oral and written exercises. In the upper grades more emphasis is placed on grammar and the written word.</i></p>	N/A	<p>Basic greetings/feelings Colors Numbers 1-15 Action verbs/commands Body parts Places in the city Animals (farm/pets/oviparous) Shapes and sizes Transportation Family Members Classroom items Cultural units: Dia de Muertos, Holiday music, 3 Kings Day, 5 de Mayo Fairytales: 3 Little Pigs, 3 Bears, 3 Billy Goats Gruff Songs</p>	<p>Numbers 1-30 House vocabulary Weather Days of the week Clothing Fruits Places in the city Whales/sea animals Californian animals Time to the hour Simple math Dr. Seuss stories in Spanish Games, music, chant and simple writing for vocab.dev. Fairytales: Little Red Riding Hood, Gingerbread Boy, Little Red Hen</p>	<p>Intro. of food vocabulary through fruit, vegetable, and restaurant units. Discussion of foods native to Latin America Introduction to nouns, genders and articles Introduction to adjectives to describe people & things Fruits Recognition and recall of vocabulary: animals, body parts, classroom items, numbers 1-50, days of week & months, colors, sports, clothing, commands & action verbs Describe likes and dislikes Spanish influence in CA Fiesta Day: songs and dance Muzzy 1 – language video program, parts 1-3 Intro. to Spanish alphabet, learn vowel charts</p>	<p>Five units "Viva El Espanol" textbook series – 5 units Respond to questions w/ complete sentences answers Number recognition 1- 100 Oral presentations Tell time to the minute Basic spelling w/ Spanish alphabet Expand vocabulary through individual & group work Expand sentence writing & simple descriptions Read sentence sequences w/ comprehension & pronunciation Cultural component: discussion of La Quinceanera for Hispanic girls Muzzy 1 – language video program, parts 4-6 Spanish influence on California: mission period Short skits New chants & songs</p>
<p>The Arts</p> <p><i>Visual Arts: Students learn how to perceive the world in an artistic way by refining their sensory perceptions of works of art, objects in nature, events & the environment. They identify elements & principles of design. Art projects are planned to complement the themes of study.</i></p> <p><i>Theater Arts & Oral Communication: Theater is a collaborative art that teaches the elements of presentation and enhances communication through acting, direction, script writing, media, design or production. Students build their communication skills through storytelling, puppetry, pantomime, improvisation, and formal acting, assessing their progress on the way. Communication skills are necessary throughout one's life. The ability to speak clearly, eloquently and effectively has been the mark of a successful person since ancient times. Effective communication involves speaking, listening, thinking and writing.</i></p> <p><i>Music: Based upon the Orff-Schulwerk approach which weaves together speech & poetry, movement & dance, drama & song and improvisation and playing musical instruments. Direct experience with sound and movement precedes theoretical study. Cooperative ensemble work is encouraged over competitive individual virtuosity.</i></p>	<p><i>Visual Art</i> Line & color exploration; simple pattern; mixing primary colors; clay figure; clay mask; teddy bear observation drawing; simple line print; animal shape collage; introduction of symmetrical balance; abstract sculpture wood Sketching animals from museum Self portraits Sculptures from recycled junk and found objects <i>Theater Arts & Oral Communication</i> Plays and sharing Dancing American Sign Language Choral speaking Preparing sets Demonstrates appropriate attention span Is beginning to ask relevant questions Focuses on speaker <i>Music</i> Vocal: pitch-low, high, soft, loud; singing sol-mi; beginning song learning Rhythmic: Walking, moving, and body percussion to the beat, speaking and singing in rhythm, tapping in 4/4 Movement: Moving in circle formation, moving expressively to given moods, simple dances and movement games, basic non-locomotor movements, free movement exploration to music, locomotor movement in various speeds, styles, pathways, and levels Instrumental: Non-rhythmic unpitched percussion in dramatic play, including loud, soft, fast, and slow styles</p>	<p><i>Visual Art</i> Line print of tide pool creature; mixing tertiary colors; warm & cool colors; animal drawing; clown collage; self-portrait; observation drawing of climbing structure; symmetrical balance-mask; simple contrast – size; standing clay figure <i>Theater Arts & Oral Communication –</i> Fairy Tale re-enactment Specialist illustrates acting skills (focus, projection, blocking, stage presence) Plays and sharing Demonstrates appropriate attention span Is beginning to ask relevant questions Focuses on speaker <i>Music</i> Vocal: Singing sol-mi, song learning, brief solo opportunities Rhythmic: Walking, dancing, body percussion to beat, speaking and singing in rhythm Movement: Moving in circle formation, moving expressively to given moods, simple dances and movement games, various styles of locomotor movement, creative movement responses to given imagery, awareness of personal space, improvised locomotor movement with props Instrumental: Playing unpitched percussion and barred instruments according to conductor's direction, improvised direction of others playing instruments, playing simple ostinati and holding a part against other parts, composing with invented notation</p>	<p><i>Visual Art</i> Observation drawing of seashell; texture depiction through Native California animal drawing; stylized animal; collagraph print; contrast- plain & patterned; textured tiles; creating center of interest; creating illusion of distance using size; landscapes; shadow play; color <i>Theater Arts and Oral Communication</i> Plays and sharing Local Living History Reenactment Demonstrates appropriate attention span Is beginning to ask relevant questions Focuses on speaker <i>Music</i> Vocal: Singing sol-mi, song learning, solo opportunities Rhythmic: Walking, dancing, and body percussion to beat, speaking and singing in rhythm Movement: Moving in circle formation, moving expressively to given moods, simple dances and movement games, various styles of locomotor movement, creative movement responses to given imagery, awareness of personal space, improvised locomotor movement with props Instrumental: Playing unpitched percussion and barred instruments according to conductor's direction, improvised direction of others playing instruments, playing simple ostinati and holding a part against other parts, improvising and composing on barred instruments, composing with simple rhythmic notation</p>	<p><i>Visual Art</i> Chinese brush painting; bird collage; still-life of bird; texture rubbings; intro. to positive & negative space; bas-relief tile; bird sculpture; asymmetrical balance – visual weight; life drawing of partner – 5 heads high <i>Theater Arts and Oral Communication</i> Basic acting skills introduced by specialist (focus, projection, blocking, stage presence) Local Living History Reenactment Demonstrates appropriate attention span Is beginning to ask relevant questions Focuses on speaker <i>Music</i> Vocal: Correct singing posture, two-part round singing, song learning Rhythmic: Rhythmic chanting & body percussion, walking to beat, timed movement w/ phrase length, reading rhythmic notation with 1/8, ¼, and ½ notes and rests. Movement: Simple dances, inventing & copying locomotor movement styles, creating original shapes and movements alone & in small group Instrumental: Polyrhythms, improvisation, playing simple melodies and ostinati in a four-part barred arrangement, beginning recorder technique (5 notes) and note reading Composition: Composing group dances and instrumental pieces to fit given forms.</p>	<p><i>Visual Art</i> Value & light; still-life – 5 objects in 3 values; contour drawing of hand; hand collage; life drawing of costumed figure; mixing tints & shades; two color prints; creating movement using repetition of shape or color; intro. to abstraction – Picasso portraits; California artists; radial balance; kelp forest fish pastel <i>Theater Arts and Oral Communication</i> Core Theater Arts program begins: introduction to the world of theater; ensemble building, focus, expression and movement, pantomime, improvisation, tableau, communicate in organized, concise manner, articulate clearly, use active listening with others, expand theater vocabulary, develop focus & concentration, learn to stay in character, voice projection <i>Music</i> Vocal: Improving vocal technique, learning songs, partner songs, two-part harmony Rhythmic: More advanced body percussion, movement to fit meter and phrase length, reading rhythms in ¾ and 4/4. Movement: Dances of medium complexity, use of expanding movement vocabulary to create dance/music pieces in a small group Instrumental: More complex arrangements, playing and reading six-note recorder pieces Composition: Composing group instrumental pieces to illustrate moods of stories, beginning melody composition</p>
<p>Technology</p> <p><i>Technology is an important tool that supports instructional goals and that provides an alternate learning medium for students with different learning styles. Students learn to use software applications and Internet resources to communicate ideas, research and collect information, solve problems and make informed decisions.</i></p>	N/A	Optional computer & software use which supports classroom curriculum	Basic computer & software use which supports classroom curriculum	Basic computer & software use which supports classroom curriculum Logic Software Beginning robotics with Legos Beginning keyboarding	Beginning keyboarding Word processing skills: text formatting, size, font, styles, alignment, file open/close, print preview, spell check, graphics, saving Lego Robotics Beginning programming Logo programming and geometry Flash Web page design
<p>Physical Education</p> <p><i>Recognizing that motor development and game skills are important to a well-rounded education, activities are designed to develop movement skills & knowledge, improve personal & social development and to promote health & fitness.</i></p>	Students practice basic motor skills and develop strength, control and endurance through music & movement activities	Students practice basic motor skills and develop strength, control and endurance through music & movement activities	Basic Motor Skills: Kicks & dribbles ball Jumps rope Field & court games: group	Basic Motor Skills: Sprinting Throws/catches frisbee Jumps rope Field & court games- dodgeball, soccer, tag Physical Fitness: building endurance Team effort	Lead-up sports skills & activities Cooperative & competitive games – kick ball, flag football, ultimate frisbee, basketball, capture the flag, baseball, hockey, volleyball Understands purpose of rules
<p>Library</p> <p><i>Library materials & lessons support our curriculum areas by providing a greater depth of literature from many genres, as well as materials to support research projects & reports. We select books for our library that would be interesting, enjoyable, and meet our student needs. This promotes and encourages pleasure in reading and literature.</i></p>	Classroom library lending program of extensive teacher collections Leveled reading book borrowing Literature appreciation including fiction, non-fiction, and science Daily reading of fine literature	Beginning awareness of library room layout and book options Differentiate Fiction/Non-Fiction Reference books Alphabetical order Author/Title/Illustrator Learning circulation procedures Book care Literature appreciation Listening Skills	Circulation of procedures and responsibility for book returns Author, Title, Illustrator, Table of Contents, Index Call numbers Alphabetical order Research information gathering Exhibit familiarity with a variety of genres i.e. fantasy, science fiction, mysteries, historical fiction and poetry Knowledge of Caldecott medal and other award-winning books	Basic principles Dewey decimal system Author, Title, Table of Contents, Index, Glossary Research information gathering Using various encyclopedias for research Discovering the atlas Learning to use the library electronic catalogue	Dewey decimal system classification – locating books & shelving in proper order Learn basic source citation Author, Title, Copyright Date, Publisher Table of Contents, Index, Glossary, and Timeline Thesaurus Compilation of research sources Using guide words in reference searches Learning about Newberry award books Independent use of electronic catalogue
<p>Special Projects and Field Trips</p> <p><i>Acknowledging that students have different learning styles, each class provides opportunities for in-depth study & creative presentations. A wide range of community resources is used to enhance the classroom material. Overnight trips are an important part of the grade 4-8 curriculum.</i></p>	<p><i>Social Studies related field trips:</i> Santa Cruz Natural History Museum <i>Science related field trips:</i> Johnson's Farm Elkhorn Slough Organic Farm <i>Special Projects:</i> Teddy Bear's Picnic Winter Starlight Sing 100th Day of School Japanese Children's Day Celebration Chinese New Year Visits to Sunshine Villa</p>	<p><i>Social Studies related field trips:</i> Downtown SC mapping trip and 3-D map Roaring Camp Pumpkin Train <i>Science related field trips:</i> Children's Discovery Museum, San Jose Tide Pool Monterey Bay Aquarium <i>Special Projects:</i> Rocky seashore habitat construction Career Week Script writing & performing fairytale plays</p>	<p><i>Social Studies related field trips:</i> Santa Cruz Natural History Museum Point Lobos <i>Science related field trips:</i> Local beaches and redwood forest Monthly data gathering at Its Beach Seymore Discovery Center Monterey Bay Aquarium <i>Special Projects:</i> Day of Dead Ofrenda – skeleton models Native California Animal Masks Women in History project Animal Research report Marine Mammals of Monterey Bay Research Report Script writing/class performance Sandy beach habitat construction and beach mural</p>	<p><i>Social Studies related field trips:</i> SC Wharf Mission Adobe – SC Evergreen Cemetery Jade's Ranch New Leaf Market Wilder Ranch <i>Science related field trips:</i> River visit Neary Lagoon <i>Special Projects:</i> San Lorenzo River History Reenactment Fiesta Celebration Old Fashioned Day Biography Project SC Industry report Speaker - George Ow Jr.</p>	<p><i>Social Studies related field trips:</i> Oakland Museum Coyote Point Museum Coloma Outdoor Discovery School <i>Science related field trips:</i> Monterey Bay Aquarium O'Neill's Sea Odyssey sail Buena Vista Landfill and Recycling Center <i>Special projects:</i> Kelp Forest Habitat construction in classroom Coming to California project Mission projects Coloma memories</p>