El Sol Science and Arts Academy of Santa Ana

An Excellent Public School

Seventh Grade

Language Arts: • to develop the ability to cite relevant evidence when interpreting or analyzing a text or supporting their points in speaking and writing • to build academic vocabulary as he or she reads more complex texts, including stories, plays, historical novels, poems, and informational books and articles • to strengthen their writing skills and techniques across a range of writing types and purpose	**Technology:** • to demonstrate mastery in the use of spreadsheets, multimedia, and presentation tools and digital citizenship • the acceptable uses of technology, copyright, and plagiarism • to use technology in other subject areas such as math to create graphs and data displays, and using geometric software to aid in three-dimensional visualization • about the difference between being a passive bystander versus a brave bystander in cyberbullying situations
Math: • to further develop their understanding of rates and ratios while using tables, graphs, and equations to solve real-world problems involving proportional relationships • to work on gaining automaticity in solving multi-step problems involving positive and negative rational numbers • to expand their knowledge of geometry and apply properties of operations to solve real world problems involving multi-dimensional objects	**Social Studies:** • about medieval and early modern times as they develop in the years 500-1789 • to analyze the causes and effects of the expansion and ultimate demise of the Roman Empire, the rise of Islam through the middle ages, the reunification of China under some of its most significant dynasties, and continue with the study of sub Saharan civilizations and Medieval Japan and Europe. • to analyze the diffusion of the Renaissance and the rise of the Reformation period, followed by subsequent political and economic changes through the 18th century
Science: • about life and earth and space sciences engineering design, including defining a problem, developing a possible solution, and improving designs • to use inquiry techniques and scientific thinking process of observing, communicating, comparing, collecting, relating inferring and applying	**Physical Education:** • an expansion of the previous year with a growing emphasis on skills, participation, and team work • standard physical education, teaching sports and other non-traditional approaches to physical education such as gymnastics, dance, yoga, and martial arts
The Arts: **Music:** ▪ more demanding scales ▪ to identify and define standard notation symbols for pitch, rhythm, dynamics, tempo, articulation and expression ▪ to sing, record play and perform	**The Arts:** **Theater:** ▪ to work toward a full-length production of a play ▪ all the elements of acting and production ▪ to perform for other organizations and for the parents
The Arts: **Dance:** ▪ how the various elements of music (pulse, tempo, rhythm) become more complex ▪ to engage in group problem-solving and choreographed solutions ▪ to observe and discuss historical dance styles and forms in performance and on film	**The Arts:** **Visual Arts:** ▪ to develop skills and knowledge about art, powers of observations, perceptual and analytical skills, creativity, technical skills and problem solving abilities ▪ to become aware of how visual artists record their culture and reflect history while their artwork remains as unique as the individual human experience