**Art Standards**

**□ Standard 1: Creating, Performing, and Participating in The Arts**

Students will actively engage in the processes that constitute creation and performance in the arts (dance, music, theatre, and visual arts) and participate in various roles in the arts.

## □ Standard 2: Knowing and Using Arts Materials and Resources

Students will be knowledgeable about and make use of the materials and resources available for participation in arts in various roles.

## □ Standard 3: Responding To and Analyzing Works of Art

Students will respond critically to a variety of works in the arts, connecting the individual work to other works and to other aspects of human endeavor and thought.

## □ Standard 4: Understanding The Cultural Dimensions and Contributions of The Arts

Students will develop an understanding of the personal and cultural forces that shape artistic communication and how the arts in turn shape the diverse cultures of past and present society.

**Math Science and Technology Standards**

**□ Standard 1: Analysis, Inquiry, and Design**

Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.

**□ Standard 2: Information Systems**

Students will access, generate, process, and transfer information using appropriate technologies.

**□ Standard 3: Applying Mathematical Principles**

Students will understand mathematics and become mathematically confident by communicating and reasoning mathematically, by applying mathematics in real-world settings, and by solving problems through the integrated study of number systems, geometry, algebra, data analysis, probability, and trigonometry.

**□ Standard 4: Applying Scientific Principles**

Students will understand and apply scientific concepts, principles, and theories pertaining to the physical setting and living environment and recognize the historical development of ideas in science.

**□ Standard 5: Applying Technology and Engineering Principles**

 Students will apply technological knowledge and skills to design, construct, use, and evaluate products and systems to satisfy human and environmental needs.

**□ Standard 6: Connections between Math, Science and Technology**

Students will understand the relationships and common themes that connect mathematics, science, and technology and apply the themes to these and other areas of learning.

**□ Standard 7: Applying Math, Science and Technology to real life problem solving.**

Students will apply the knowledge and thinking skills of mathematics, science, and technology to address real-life problems and make informed decisions.