

**First Grade**

<p><b>Language Arts:</b></p> <ul style="list-style-type: none"> <li>• to read and comprehend level complex literary and information texts independently and proficiently</li> <li>• the letters and sounds, think, talk and write about what they read and work on putting on sentences improving their vocabulary</li> </ul>	<p><b>Science:</b></p> <ul style="list-style-type: none"> <li>• crosscutting concepts and patterns whereby they understand cause and effect relationships, systems and system models, interdependence of science and engineering and technology</li> </ul>
<p><b>Math:</b></p> <ul style="list-style-type: none"> <li>• to work with whole numbers and place value, including grouping numbers into tens and ones as they learn to add and subtract up through 20</li> <li>• to use a variety of mathematical tools such as pictures, charts, tables, and diagrams to solve problems</li> </ul>	<p><b>Social Studies:</b></p> <ul style="list-style-type: none"> <li>• perspective on time and space by studying the Earth and the indigenous Native American tribes who lived symbiotically with it</li> <li>• about the Earth, its makeup and origins, its inhabitants, and its changes throughout history</li> </ul>
<p><b>Technology:</b></p> <ul style="list-style-type: none"> <li>• basic operations on a computer or digital device and safety issues regarding electronic media</li> <li>• how the Internet offers an amazing way to collaborate with others</li> </ul>	<p><b>Physical Education:</b></p> <ul style="list-style-type: none"> <li>• standard physical education, teaching sports and other non-traditional approaches to physical education such as gymnastics, dance, yoga, and martial arts</li> <li>• about nutrition and basic food groups</li> </ul>
<p><b>The Arts:</b>  <b>Music:</b></p> <ul style="list-style-type: none"> <li>▪ to read simple rhythms, patterns, and pitch notations</li> <li>▪ to sing and play instruments sight-reading simple melodies</li> <li>▪ to apply their acquired music skills by being part of music assemblies to increase music appreciations and take field trips to concerts and musicals</li> </ul>	<p><b>The Arts:</b>  <b>Theater:</b></p> <ul style="list-style-type: none"> <li>▪ to replicate movements and sounds of objects, animals and people, and dramatize the emotions of prescribed situations</li> <li>▪ to use these skills in performances of small scenes and plays and learn more theatrical terminology</li> <li>▪ to apply their acquired theater skills by attending theatrical performances and discussing their impressions</li> </ul>
<p><b>The Arts:</b>  <b>Dance:</b></p> <ul style="list-style-type: none"> <li>▪ how space and stimuli (sound, colors, textures, imagery, and feelings) can be used to improve expressive dance</li> <li>▪ the importance of good physical health, cross-cultural dances and view ethic dance performances</li> </ul>	<p><b>The Arts:</b>  <b>Visual Arts:</b></p> <ul style="list-style-type: none"> <li>▪ the process of the individual creation of art</li> <li>▪ that imagination is a driving force for artists and illustrators</li> <li>▪ to use a variety of media and techniques to illustrate emotions and observations about both the environment and scenes</li> <li>▪ to display their artwork in school and take field trips to museums and galleries</li> </ul>