What my child needs to know in Sixth Grade?

LANGUAGE ARTS
• Read grade-level texts critically to understand main idea and/or theme • Deliver and evaluate the effectiveness of organized and effective oral presentation • Analyze and think critically about ideas expressed by others during collaborative discussions and formulate thoughtful responses • Defend writing for a variety of audiences, purposes, and presentation styles

MATH
• Analyze, solve, and communicate a variety of strategies in solving rates and ratios, surface area and volume • Interpret and model the meanings of fractions, multiplication and division • Model and draw conclusions about the real world by using variables to represent situations in context • Communicate and evaluate data and situations by using math

SCIENCE
• Formulate and refine testable questions and models that explore scientific processes. • Identify variables use test variable in scientific process • Predict the outcome of scientific investigations and support that prediction with research and reasoning. • Design and conduct scientific investigations. • Collect, analyze, and interpret data using multiple sources of evidence to illustrate and explain the information gathered from the experiment. • Evaluate experimental hypothesis and support the evaluation with specific evidence from the experiment • Revise and suggest new models and investigations that may expand on concepts.

PHYSICAL EDUCATION

- Demonstrate beginning strategies for a variety of games and sports that require problem solving, cooperation, skill assessment, and team building to improve performance.
- Set personal goals for improving health related fitness and enhance fitness
- Recognize diverse skill performance and how diversity affects game, activity, and sport participation while working together
- Demonstrate the knowledge of safe practices in a physical activity setting.

SOCIAL STUDIES

- Analyze and evaluate how historical events and geographical features throughout the western hemisphere
- Interpret and present research that examines and compares various aspects of the Western Hemisphere (physical features, government, cultural aspects, demographics, etc.)
- Analyze and evaluate the advantages and disadvantages of living in an interconnected world.
- Use methods of historical inquiry to make informed decisions as responsible citizens

MUSIC

- Perform and sight-read music at appropriate difficulty levels in major and minor keys
- Create music through composition and improvisation
- Identify an understanding of musical notation and elements
- Evaluate performances and compositions

VISUAL ARTS

- Identify and discuss the characteristics of art in works of art.
- Utilize and explore various media, materials, and techniques used to create works of art.
- Communicate ideas, thoughts, themes, and concepts through artwork.
- Connect and transfer history, culture, community, and environment in the study of art.