What my child needs to know in Seventh Grade?

LANGUAGE ARTS
• Participate actively in presentations and discussions • Conduct short research projects to answer questions using credible and reliable sources • Compose a variety of written texts, according to purpose and audience • Analyze varied types of texts, comparing and contrasting where needed

MATH
• Solve real problems using proportional reasoning in a wide variety of situations • Use statistics to gain information about populations • Model real-world situations using math • Justify solutions to problems in everyday situations reflecting the use of math in everyday situations

SCIENCE
• Formulate and refine testable questions and models that explore scientific processes. • Identify variables and design investigations that employ measurable and testable variables. • Predict the outcome of scientific investigations and support that prediction with research and scientific reasoning. • Design and conduct scientific investigations. • Collect, analyze, and interpret data using multiple sources of evidence • Evaluate experimental hypothesis and support the evaluation with specific evidence • Relate experimental data and procedures to specific content presented in class • Revise and suggest new models and investigations that may expand on concepts.

SOCIAL STUDIES

- Formulate an opinion and forecast a specific position about historical and geographical areas
- Assess the role of resources, technology and trade and how it affects governmental and cultural systems
- Analyze origins, structure, and functions of governments
- Evaluate the impact of values, beliefs, and institutions

PHYSICAL EDUCATION

- Combine the critical elements of movement and skills concepts.
- Develop strategies to communicate ideas and feelings.
- Demonstrate inclusiveness in and out of the classroom setting.
- Implement safety procedures in the utilization of space and equipment.

MUSIC

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

VISUAL ARTS

- Understand and recognize the characteristics of art in a works of art.
- Identify and discuss the expressive features of art and design in works of art.
- Express specific meaning through artwork.
- Connect and transfer history, culture, community, and environment in the study of art.