What my child needs to know in Fourth Grade?

LANGUAGE ARTS
• Construct writing projects that build knowledge through investigation of a topic; develop questions gather information, cite sources, develop supporting visual, and communicate information • Plan, draft, edit, revise and create a piece of writing to a given prompt • Deliver organized and effective oral presentations for varied purposes and audiences using varied technological resources • Think critically about ideas expressed by others and formulate thoughtful responses • Read and respond in writing to fiction and non-fiction • Use correct sentence formation, grammar, punctuation, capitalization, and spelling in a written piece to make the meaning clear to the audience

MATH
• Transfer an understanding of place value to a variety of contexts including fractions, whole numbers, decimals, measurement • Model and reason about addition, subtraction, multiplication and division by utilizing mathematical structures such as place value, arrays, area models, and properties • Solve real problems in a variety of contexts including measurement, area, and data analysis; by analyzing, and/or identifying and using the appropriate operation • Evaluate and classify geometric figures by their properties

SCIENCE
• Develop an understanding of the scientific method • Define problems, ask questions and develop hypothesis • Design and conduct investigations that control variables to answer a question or test a design solution • Build, revise, and use simple models to represent events and design solutions • Collect, display, and explain data • Construct multiple explanations and design multiple solutions to problems • Form a conclusion based on collected data and evidence • Understand the scientific process is ongoing and doesn't end based on a single

conclusion
- Examine, evaluate, question, and ethically use information to investigate questions about characteristics of living things

SOCIAL STUDIES

- Design and conduct historical inquiry investigations that are based on questions developed around Colorado history
- Use maps and other geographic tools to ask and answer questions about Colorado geography
- Describe origins, structure, and functions of the local and state government
- Ask and answer questions about the production and distribution of goods and services in Colorado

MUSIC

- Performs a varied repertoire of music on pitched and non-pitched instruments with some expressive elements in multi-part harmony
- Reads and creates melodies and rhythmic patterns in the appropriate clef
- Listens to and analyzes music of a varied repertoire including historical and cultural context
- Articulates the connection between music and other subjects

PHYSICAL EDUCATION

- Identify the major characteristics of mature movement and rhythmic skills
- Provide and receive feedback to and from peers using the major characteristics of mature movement and manipulative skills
- Explain how the health-related components of fitness affect performance when participating in physical activity
- Recognize the relationship between healthy nutrition and exercise
- Recognize the benefits derived from regular, moderate, and vigorous physical activity
- Identify and describe the benefits, risks, and safety factors associated with regular participation in physical activity