### Fifth Grade

**Language Arts:**
- to read more challenging literature, articles, and other sources of information and continue to grow their vocabulary
- to understand and clearly summarize what they have learned from readings and classroom discussions
- to write regularly and continue to develop their ability to gather, organize, interpret, and present information

**Science:**
- to demonstrate grade appropriate proficiency in developing and using models, planning and carrying out investigations, analyzing and interpreting data, engage in argument and communicate information

**Math:**
- to build their understanding of the place value system and adding, subtracting, and multiplying fractions, including fractions with unlike denominators
- to expand their geometry and measurement skills, learning the concept of volume and measuring the volume of a solid figure

**Social Studies:**
- the sequence on American History
- the development of the nation to 1870
- American ideals of freedom and the protection of human rights are key concepts for the investigations

**Technology:**
- to research, gather information, communicate ideas, and collaborate with peers
- to take on responsibilities in both their offline and online communities as a way to learn how to be good citizens
- about copyright and fair use by reflecting on their responsibilities and rights as creators in the online spaces when they consume, create, and share information

**Physical Education:**
- a growing emphasis on skills, participation, and team work
- standard physical education, teaching sports and other non-traditional approaches such as gymnastics, dance, yoga and martial arts

**The Arts:**

### Music:
- more demanding scales to identify and define standard notation symbols for pitch, rhythm, dynamics, tempo, articulation and expression
- to sing and record playing and performance continue and grow

### Theater:
- to work toward a full-length production of a play
- all of the elements of acting and production
- to perform plays for other organizations and for the parents

### Dance:
- more complex elements of music (pulse, tempo, rhythm)
- to engage in group problem-solving and choreographed solutions
- to observe and discuss historical dance styles and forms in performance and on film

### Visual Arts:
- a range and variety of media and materials towards developing an understanding of art across the ages through and context of art history
- why and how art has been made, and that art is a reflection of all civilizations throughout time