



**5th GRADE
COURSES**

Band

This is an entry level class for students wishing to play band instruments. Students will be exposed to the basics of playing an instrument, independently and as an ensemble, through a various musical selections. All instructional sessions take place during the time slated for a study hall.

Library Science

Physical Education

This nine (9) week course is for students to develop and maintain a level of health related fitness. The course is not centered on the development of specific athletic skills. Students will participate in a variety of activities to attain a personal level of health fitness, to include cardiovascular exercises, competitive events and swimming.

Language Arts (501)

This two period (block) course includes instruction related to sentence structure, clause and phrase structure, parts of speech, beginning composition (story writing), note taking, punctuation, capitalization, literature appreciation and written expression. A component of the course entails the computer based Accelerated Reader computer program that is used to encourage reading. Students will be required to take AR quizzes or other form of available assessment as a means of assessing literature comprehension. Results of the assessment will factor into the Language Arts grade.

Math (503)

This two period (block) course based on the University of Chicago School Mathematics Project is entitled Everyday Math. The core concepts include, but are not limited to the following: Number Theory (Rectangular Arrays, Factors, Divisibility, Prime & Composite Numbers, Square Numbers, Prime Factorization); Estimation & Computation (Addition, Subtraction and Multiplication of Whole Numbers & Decimals, Estimation of Products, Lattice Method of Multiplication, Comparing Millions, Billions and Trillions); Geometry Explorations (Angle measurement, Tessellations, etc.); Division (Partial Quotients Division Algorithm & Strategies, Division of Decimal Numbers, Interpreting the Remainder & Distance); Fractions, Decimal and Percents (Comparing, Calculation Conversions, Bar & Circle Graphs); Using Data (Stem-and-Leaf Plots, Slide Rule Use, Clock Fractions, Common Denominators); Exponents & Negative Numbers (Notations, Powers of 10, Order of Operations, Addition & Subtraction of Negative Numbers); Fractions & Ratios (Comparing Fractions, Adding & Subtracting Mixed Numbers, Fractions of Fractions, Multiplication of Fractions, Whole Numbers & Mixed Numbers, Percents of Numbers); Coordinates of Area, Volume and Capacity; Algebra Concepts and Skills; Probability, ratios and Rates.

Music

Science (506)

Instruction within this course will focus on the Changing Surface of the Earth, Animal Diversity, Environments, and a lab oriented kit pertaining to Variables.

Social Studies (504)

As students explore the United States in this course, they will learn about the Nations early years from Colonial Life in North America, the Revolutionary Period, the Growth of New Nation, the Civil War, Expansion and Change. Supplemental materials will be utilized as a means of exposing students to various geographical concepts and map related skills relative to the specified time periods in our Nation's history.

Visual Arts

This nine (9) week course encourages students to explore and develop their own ideas in various media, while mastering basic art concepts and thinking skills. Students will learn the process of perceiving, analyzing, interpreting and judging art work