

GRADE 5

ART

'Hands On' Two Dimensional art projects include:

- Art elements; color, shape, line, texture, space
- Graphic Design/Art Folder
- Self portraits
- Victorian Architecture
- Mosaics
- Posters
- American Quilts

ENGLISH

- Writing process: paragraph building
- Narrative, persuasive, informative and descriptive writing
- Punctuation, capitalization, introduction to parts of speech, sentence structure, simple and compound sentences
- Poetry (terms, rhythm, rhyme), plays, letters, essays
- Journals, portfolios
- PSSA Preparation
- Thematic Units: Civil War, Polar Express
- Individual and group presentations
- Class discussions

GIFTED PROGRAM

The middle school gifted program centers around helping students take more control of their own individual learning. Students are encouraged to become self-directed with reflection and inquiry on longer term, problem based learning. Their choices should foster creativity, research skills, critical thinking, public speaking, and a deeper understanding and appreciation for information. Numerous competitions are offered and students may take advantage of these programs or develop their own research projects.

- National History Day
- Science Olympiad
- Stock Market Game
- Scholastic Bowls
- Geography
- Earth Day Presentations
- Spelling Bees

LIBRARY

The learner will:

- be introduced to the library and its procedures
- be responsible library users
- show discrimination in self selection of appropriate materials
- begin using electronic catalog search strategies
- distinguish between and evaluate reference sources
- begin to use simple research strategies: set purpose, frame question, choose sources, collect information and present information

MATHEMATICS

- Addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals
- Graphs – line and bar
- Measurement – metric
- Geometry – polygons
- Written responses to word problems
- Statistical data – mean, median, mode and graphs

MUSIC

- Instrumental lessons are available for brass, woodwinds, percussion and stringed instruments
- Participation in band, string ensemble, jazz band and/or chorus and select chorus is encouraged for all students
- Guitar class and ensemble, recorder class and ensemble, as well as use of classroom instruments
- Singing in two and three parts
- Music as part of the arts and in relation to all academic subjects
- Participation in many various concerts both at school and in the community
- Musical theater

GRADE 5

PHYSICAL EDUCATION

- Socially acceptable responses, attitudes, behaviors in physical activity, sports and games
- Modification of rules, regulations, and strategies for games and sports
- Body awareness, spatiality, and control
- Integration of complex skills in culminating activity
- Health-enhancing physical activities

READING/TITLE I

Program is available for students identified as needing help to improve their reading skills

- small group instruction 2X/week
- classroom support

Areas of Instruction:

- Curriculum Support (spelling, vocabulary development, comprehension)
- Basic Skill Development (individualized reading assessment/instruction)
- Self-Management (organizational skills, time management, goal setting)

SCIENCE

- The nature of Science
- Simple Machines
- Matter
- The Laws of Motion
- The Solar System/Planets
- The Earth's Structure
- Weather
- The Water Cycle
- Recycling
- Agriculture and Society

SOCIAL STUDIES

The grade five course focuses on the development of the nation from its early beginnings to late 19th century. Fifth graders will continue to learn core concepts in civics, economics, and geography. Geography studies focus on the United States, as well as Earth's attributes and ecosystems. Instruction should also allow for a continued development of cultural perspective through exposure to diversity and strengthening of historical analysis skills. Historical content includes:

- Colonial and Revolutionary periods
- Civil War
- Western expansion
- Industrial revolution

Students learn about the foundation of representative government using:

- Declaration of Independence
- Bill of Rights
- U.S. Constitution

SPECIAL EDUCATION

The special education program follows the curriculum of the regular education classes with some adaptations, modifications, and timeline alterations. These accommodations will aid in the implementation of the IEP and accommodate each student's individual needs.

TECHNOLOGY

- Keyboarding
- Microsoft Word – Word Processing
- Microsoft Excel – Spreadsheets
- Hyperstudio – Multimedia Presentation
- Internet
- Inspiration – Visual Organization
- Microsoft PowerPoint – Multimedia Presentation

GRADE 5

TECHNOLOGY LAB

Each student is introduced to a wide variety of technology systems in an integrated experience-based instructional program designed to prepare them to become knowledgeable about technology – its evolution, systems, techniques, utilization and social and cultural significance.

This process is embodied through the application of math and science concepts in specific, in-depth technology systems. Students discover, create, solve problems and construct by using a variety of resources, machines, materials, processes, and computer systems. This approach is designed to enable students to achieve broader learner outcomes.

The learning program presented in the middle school incorporates the following as common themes in each area (module):

- Multiple Solutions
- Context Based Problem Solving
- Environmental Impacts
- Social Impacts
- Economic Impacts
- Technological Systems Approach using System Simulation
- Understanding and using the universal systems model
- Historical Timeline
- Career Foundations
- Interdisciplinary Correlations