

GRADE 7

ART

Art lessons of Two and Three Dimensional art projects include:

- Elements of Design
- Graphic Design/Art Folder
- Outdoor Environmental Nature Drawing
- Weaving Wall Hanging
- Pennsylvania Arts and Crafts
- Artist-in-Residence Program (Japanese Raku Pottery)

ENGLISH

- Compositions, reports, essays
- Narrative, persuasive, informative and descriptive writing
- Review parts of speech, introduction to phrases and clauses, simple, compound, and complex sentences, usage
- Reading/writing workshop: poetry, short stories, letters
- Journals, notebooks, portfolios
- PSSA Preparation
- Thematic Units: PA History, Novels
- Individual and group presentations
- Class discussions

FAMILY AND CONSUMER SCIENCE

- Sewing Machine Techniques – Basic parts of the machine, basic techniques, complete project
- Nutrition – Food pyramid, nutrients, and preparation of foods

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

HEALTH

- Disease prevention and control
- Substance use and abuse (ATOD)
- Personal health and wellness

LIBRARY

The learner will:

- discriminate in selection of appropriate materials
- refine all search strategies
- begin using specialized reference sources
- refine research strategies

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MATHEMATICS

- Addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals and integers
- Written responses to word problems
- Algebra – solving simple one and two step equations
- Geometry – polygons and circles
- Ratios, proportions and percents
- Probability and statistics

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

SCIENCE

LIFE SCIENCE

- Ecology
- Cells
- Genetics
- Classification
- Survey of the Kingdoms of Living Things

SOCIAL STUDIES

WORLD GEOGRAPHY

Themes covered:

- Current Events
- Themes of Geography
- Physical and Human Geography
- Land, Climate and Vegetation
- History and Culture
- Map and Globe Skills

Pennsylvania History

- Maps
- Landforms
- Government
- History
- Industry
- People

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

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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