

Library Opportunities

Student Capitol Day
PAECT Showcase

Health and Physical Education Opportunities

Physical Education (field trips)
Fly fishing, Canoeing, Bowling, Golf
Health (field trips)
Open heart surgery, Cadaver labs, Medical Examiner’s Office

Robotics Opportunities at PTHS

National Center for Robotics Engineering Technology Education
for Agile Robotics
SCHLUEB Student Architectural Design Competition

Art Opportunities at PTHS

Scholastic Art Awards

Music Opportunities at PTHS

PMEA large group adjudications for Chorus, Band, Orchestra
California Jazz Experience at C.U.P.
Pittsburgh Symphony Side by Side and Audience of the Future
Washington County Band and Chorus
Knights of Columbus Honors Band
PMEA Honors, District, Region and All-State Choirs
PMEA Honors, District, Region and All-State Orchestras
PMEA Honors, District, Region and All-State Bands
PMEA Honors and All-State Jazz Band
MENC Eastern Division Choir
MENC Eastern Division Orchestra
MENC Eastern Division Band
MENC Eastern Division Jazz Band
ASTA National Orchestra

School-To-Career Opportunities (via Counseling Office)

Expanding Your Horizon at RMU
Siemens Engineering
Michael Baker Corporation Engineering
PA. School for Global Entrepreneurship
Health Scholars Academy
Apprenticeship Programs offered through AIU3
McGowan Institute for Regenerative Medicine
Pittsburgh Tissue Engineering Initiative Internship
Southwest Pennsylvania Area Health Education
Sci-Tech Day at Carnegie Science Center
UPMC Sports Medicine
Ethics Symposium at Duquesne University

Pennsylvania College of Technology
Highway and Bridge Career Day
Logistics and Transportation at WACTC
Union Apprenticeship Career Fair
Duquesne Honors Institute
Gifted Apprenticeships through AIU 3
Environmental Careers Camp
Wildlife Leadership Academy
Pittsburgh Brain Bee
Andrew’s Leap Summer Program and C-Mites at CMU
Penn Commercial Business / Technical Fair
CMU Pre-College Art Programs
West Point Bridge Design Contest
Skilled Trades Apprenticeship and Training Forum
Taking AIM for the Future – College prep for juniors and seniors

Science Opportunities at PTHS

ACS High School Chemistry Exam
American Association of Physics Teachers Sponsored Events
Carnegie Mellon University Society of Women in Engineering
Chemistry Olympiad
Congressional Student Leadership Conference
Dupont Challenge Essay Competition
Engineering Education Services Center
Intel Science and Engineering Fair & Science Talent Search
Magee Women’s Research Institute
National Engineers Week at the Carnegie Science Center
National Science Teachers Association
National Youth Leadership Forum
Pennsylvania Junior Science and Humanities Symposium
Pennsylvania Society for Biomedical Research
Physics Day at Kennywood
RMUSEMS
Sanofi-aventis international BioGENElus Challenge
SciTech Days at the Carnegie Science Center
Siemens Foundation Competition in Math, Science and Technology
Spectroscopy Society Essay Competition
The Summer Science Program
Summer Science and Academic Enrichment Program
University of Pittsburgh Gene Team
Westinghouse Science Honors Institute
Pennsylvania Junior Academy of Science (PJAS)
TEAMS, JETS (Junior Engineering Technical Society)
Pittsburgh Regional Science and Engineering Fair (PRSEF)
Science Olympiad
The National Science Bowl (NSB)
SAFE, or Student Activists for the Environment



PETERS TOWNSHIP
SCHOOL DISTRICT
STUDENT
ACADEMIC
OPPORTUNITIES
FOR REGULAR AND GIFTED
EDUCATION STUDENTS

Peters Township School District
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Students have varied abilities and interests. While we consistently differentiate our instruction to meet the needs of the spectrum of students throughout the District, we have also identified and provided additional opportunities and challenges for students to go beyond the classroom. Listed below are examples of these types of programs offered to students in the Peters Township School District.

Please note that this list is not all inclusive and our staff adds to the programs provided every year. If you have suggestions or questions regarding these programs, please contact your child's teacher.

Grades K-3
Pleasant Valley School and Bower Hill Elementary

- Young Author and Illustrator Extraordinaire (Independent Choice)
- Logical reasoning sessions
- Advanced logic and problem solving session
- "Thinking Games" sessions- Blokus, Mastermind, Set
- Creative writing & language arts enrichment
- Independent research and project management
- Math enrichment and acceleration (4th grade level)

Grades 4-6
McMurray Elementary School

- Calcu-Solve Competition for Grades 5 and 6
- PA Math League Test (all sixth graders)
- Word Master Challenge (all fifth graders)
- Student Council
- Student Leadership Committees
- Morning News Broadcast (Grade 6)
- Stock Market Game- offered to fourth graders who are accelerated and during School- Wide enrichment in fifth, and to a few interested students in sixth.
- Submit Writing to Creative Kids Magazine for possible publication.
- Individual Student Options: Technology Projects, Science Projects, Inventing, Creative Writing, Problem Solving, Bridge Building, Puppet Making, Service Projects etc.
- Spelling Bee
- Service projects (Caring Tree and Pennies for the Planet were done by GS teachers)
- Renzulli Learning Projects
- Language Arts Enrichment -Students participate in activities to further develop reading, writing, spelling, and independent

learning skills. These activities cover a broad spectrum including literature discussions, technology presentations, creative writing, and self selected projects. A professional enrichment

- team of teachers, facilitators, and the librarian develop an enrichment curriculum that focuses on creative and higher level thinking skills
Small Group Enrichment -Students participate in activities to further develop reading, writing, spelling, higher level thinking, and independent learning skills. These activities cover a broad spectrum including literature discussions, technology presentations, science research, and creative writing.
- Math Acceleration -In addition to the enrichment provided within the math classroom, qualifying students are able to participate in above grade level curriculum. In order to advance to another grade level, students are screened using curriculum-based assessments and other available information. Students meeting the criteria are usually placed in an accelerated class with their chronological- age peers. A teacher in their current grade level teaches this class. At times, students are placed in a class at the next grade level or beyond. .
Independent and Small Group Projects- Students demonstrating additional needs for curriculum differentiation will have the opportunity to explore areas of academic interest through various independent or small group projects. Renzulli Learning System software and other technology resources are available.

Grades 7-8
Peters Township Middle School

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| <ul style="list-style-type: none">• PA Junior Academy of Science• Odyssey of the Mind• Science Olympiad• Carnegie Science Fair• National History Day• Forensics• Geography Day• MATHCOUNTS• Newspaper• Yearbook• Student Council• Theater/Musical• Carnegie Science Sci-Tech Days• C-Mites (Carnegie Mellon) | <ul style="list-style-type: none">• The Works• Variety Show• Invention Convention• Spelling Gee• Bits of Lit• CalcuSolve• Future Cities Competition• Johns Hopkins Talent Search• CMITES• Kennywood Education Days• CST Tutoring• SPEARS |
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Grades 9-12
Peters Township High School
Social Studies Opportunities at PTHS

American Legal Systems: Field trips taken-District Justice and Allegheny County Courthouse
AP Psychology: Sniffy the Virtual Rat Project, Human Development Project, Case Studies Project
AP United States History: Threads of American History project
Community Service: Students can earn the Presidential Service Award.(100 or more service hour over a 1 year period). Students can also devise their own service projects as long as they conform to district guidelines
Economics: Media Literacy Project, Career outlook Project, Managing a Stock Portfolio
Honors World Cultures: Mahatma International Service Learning Project, Field trips to The Islamic Center of Pittsburgh, Rodef Shalom Temple, St. Nick's Greek Orthodox Church, SV Hindu Temple and the Buddhist Zen Center of Pittsburgh
Leadership: Goals Project, Gateway Ropes Course Field Trip
Law and Government Club: PA Bar Assn Mock Trial competition
University of Pittsburgh and Duquesne University Model UN competitions, World Affairs Council Leadership Seminars, World Affairs Council Academic World Quest competition, World Affairs Council programs at the PT Library, Hometown High Q competition

Mathematics Opportunities at PTHS

PA Math League
Math Club
Integration Bee
American Mathematics Competition
Poster Competition in AP Stats
National financial literacy test

English Opportunities at PTHS

Voice of Democracy
Thespian Scholarship - State Conference
Thespian State Board Interviews - State Conference
Thespian Troupe #185 Backers Scholarship
Theater Awards
Literary Magazine
Reflections (through PTSA)
Shakespeare Monologue and Scene Contest
Poetry Out Loud
Creative Communications "A Celebration of Young Writers"
Anthem Essay Contest