

ROAR into Paint Branch at the



Panther Summer Academy

June 22 – July 2, 2009
8:30 a.m. – 12:15 p.m.

Accelerated For-Credit Courses

June 22 – July 10, 2009
8:00 a.m. – 12:45 p.m.

14121 Old Columbia Pike
Burtonsville, Maryland 20866 - 1799
Jeanette Dixon, Principal
Brian Eichenlaub, Signature Coordinator

Web Page:

<http://montgomeryschoolsmd.org/schools/paintbranchhs/>

Academy of Science and Media

Summer Programs at Paint Branch High School

Dear Students,

It is a pleasure to share with you the Summer Programs being offered at Paint Branch High School. We offer a differentiated educational summer program which provides our students with continuous learning opportunities that both enrich and accelerate the education of all students.

This course brochure is divided into two sections:

- Section I** **The Panther Summer Academy** for incoming 9th grade Paint Branch students
- Section II** **Accelerated For - Credit Courses** (for current Paint Branch and Northeast Consortium high school students)

Each section lists the courses offered with a brief description of each course, eligibility requirements, the cost of the course, and whether the course is for enrichment or credit.

For the first time ever, Paint Branch is able to offer bus service to the 9th grade students in the Panther Summer Academy. Pick-up and drop-off information will be mailed with the confirmation letter in June.

To apply, please carefully detach the application form from the center of this brochure and fill it out completely. The tuition check should be made payable to Paint Branch High School and mailed to:

Brian Eichenlaub
Paint Branch High School
Attention: Summer Programs
14121 Old Columbia Pike
Burtonsville, Maryland 20866

If you have any questions about courses, please feel free to contact Brian Eichenlaub, Signature Coordinator at (301) 989 – 5680.

Sincerely,

Jeanette Dixon
Principal

PANTHER SUMMER ACADEMY

Eligibility. Panther Summer Academy courses are for incoming 9th grade students. **Summer Academy courses are for enrichment only** and not for credit.

Emphasis. The Panther Summer Academy provides students academic support in English and Math. Students will have the opportunity to complete their math summer packets and have support in their summer reading. It is our goal to have students complete their math packets and read and complete at least one of their required summer reading books. Also, students will attend hands-on, activity-oriented experiences in our Science and Media program. In the two weeks, students will take four different enrichment courses. The courses are: *Ceramics: From Mud to Poetry*, *Television Production*, *Medical Careers*, and *The Wonderful World of Physics*. Students will attend two different sessions each week, for a total of four different workshops in the two-week Academy.

All students will join together to participate in one field trip each week, with transportation provided. One field trip will relate to science and one to media.

As part of the Panther Summer Academy, students will also participate in an orientation to the building and high school culture as well as motivational programs and activities.

Students will complete all work during the daily sessions. Products and research results will be published, with permission.

Dates. June 22 – July 2, 2009. The Panther Summer Academy is open Monday – Friday. Friday, July 3, 2009 is a holiday and there is no school.

Daily Schedule.

Session 1	8:30 a.m. – 10:15 a.m.	English/Math Classes
Break	10:15 a.m. – 10:30 a.m.	
Session 2	10:30 a.m. – 12:15 p.m.	Enrichment Courses

Attendance. Students will work with each other in teams, therefore daily attendance is required. Students will not be readmitted to the program after a two-day absence. ***Students whose vacation or job plans conflict in any way with the program should not apply.***

Bus Transportation. For the first time ever, Paint Branch is able to offer bus service to the 9th grade students in the Panther Summer Academy. Pick-up and drop-off information will be mailed with the confirmation letter in June.

Tuition. Tuition is \$100.00. Checks should be made out to “**Paint Branch High School.**” Tuition is non-refundable after May 8, 2009 when checks will be deposited and supplies and buses ordered. For more information on tuition waivers please contact Brian Eichenlaub at 301-989-5680.

PANTHER SUMMER ACADEMY (cont.)

No Credit. Sessions offered through the Panther Summer Academy courses are **for enrichment only**.

Enrollment. Enrollment in each session is limited. Applications will be taken on a first come, first served basis.

Deadline. Deadline for submitting applications and payment is Friday, May 8, 2009. Schedules and bus transportation information will be mailed in early June 2009.

Week 1

English and Math Classes

Ceramics: From Mud to Poetry

Explore an ancient Art form. Learn basic clay techniques, understand the relationship between the functional and decorative pottery. Learn while you play. Create ceramics projects to take home and enjoy for many years in this accelerated introduction to clay.

Television Production

Work in the television studio, and control room to produce a video package. Learn how to script, direct, and use the cameras, lights, teleprompter, character generator and switching equipment.

Week 2

English and Math Classes Continue

Medical Careers

Learn how to work with patients in a clinic set-up just like a hospital room. Practice moving a patient from the bed to a stretcher to a wheelchair. Learn how to find a pulse and a heart beat and how to take blood pressure. Learn emergency procedures and infection control. Find out about the many careers in health and medical professions.

The Wonderful World of Physics

Get an introduction to the world of physics by participating in a variety of contests, games, and demonstrations. The activities will be fun – water squirting contests, cart races, and floating balloons, to name a few – but the physics is serious. The activities will be used to illustrate many important laws of physics. Paint Branch offers Honors Physics classes to ninth graders, and this summer class provides a chance to preview the world of physics.

FIELD TRIPS of the PANTHER SUMMER ACADEMY

Students will attend classes/workshops Monday through Thursday of each week and attend a field trip on the last day of the week. They will form one group to attend field trips (transportation provided). Trips may extend beyond the 12:15 p.m. dismissal on these days and students will need to bring lunch. Exact times of trips will be included with the confirmation / assignments mailing sent out in early June.

Field trips will be interactive and should be to sites that students have not had a chance to visit. Students will have the opportunity to apply the skills they are learning in the workshops to these trips and will make connections between science and media.

Trips under consideration include the following:

- **Chesapeake Bay Foundation canoe trip**
- **Baltimore National Aquarium**
- **Maryland Science Center**
- **Newseum**
- **Discovery Communications**

PANTHER SUMMER ACADEMY ONE WEEK COURSE

There is one course offered to current Paint Branch students, AP Skills For First Time Students. This is a one week course for students registered for an AP course in the fall. It is highly recommended for students who may need extra support. The course is \$50.00. There are no field trips for students registered for this course.

AP Skills For First Time Students One Week Course (\$50.00)

**Grades 9 - 11
June 22 – June 26, 2009**

This class is for current Paint Branch students who received a grade of “C” or lower in 9th Grade US History (regular or honors) and who wish to enroll in AP NSL Government in 10th grade. Students will obtain the skills necessary to be successful in AP Government courses. Topics to be explored include: reading comprehension skills, understanding college level texts and primary source materials; note taking, time management, organization skills, test taking, essay planning and writing, researching topics using primary sources, communication skills, public speaking and class participation.

ACCELERATED FOR - CREDIT COURSES

Eligibility. Credit courses for students assigned to Paint Branch High School for the 2009 – 2010 school year and other Northeast Consortium students who need to complete these courses (i.e. fulfill a graduation requirement).

Emphasis. The three-week for-credit courses provide students with the chance to take or re-take courses they did not successfully complete or did not have time in their regular academic schedule to complete during the school year.

Dates. June 22 – July 10, 2009. Summer Programs are open Monday–Friday. Friday, July 3, 2009 is a holiday and there is no school. If the class has a final exam, the exam day is Friday, July 10, 2009.

Daily Schedule.	Block I	8:00 a.m. – 10:15 a.m.
	Break	10:15 a.m. – 10:30 a.m.
	Block II	10:30 a.m. – 12:45 p.m.

Attendance. Daily attendance is required. According to MCPS policy, students will not be readmitted to the program after any two-day absence (excused absences are still counted as an absence). Students late to class or from break are also recorded. Two lates to class count as an absence. ***Students whose vacation or job plans conflict in any way with the program should not apply. Please remember, bus transportation to and from Paint Branch High School IS NOT PROVIDED.***

Tuition. Tuition is \$300.00 for core courses such as Math, Social Studies and Science and \$310.00 for all other credit courses (including Health). Checks should be made out to “**Paint Branch High School.**” Tuition is non-refundable after May 8, 2009 when checks will be deposited. For a partial or full tuition waiver for credit classes, students need to pick up a Tuition Waiver Form in the Guidance Office or the MCPS website, complete the form, attach supporting documents and include it with a complete Summer Academy application.

Credit. Sessions offered through the Credit Courses are for current Paint Branch students in grades 9 – 12 who did not successfully complete these courses during the school year, or would like to acquire initial credit.

Enrollment. Enrollment in each session is limited. Applications will be taken on a first come, first served basis. *Sessions that do not meet the minimum enrollment requirement will be canceled.*

Deadline. Deadline for submitting applications and payment is May 8, 2009. Assignments and schedules will be mailed by early June 2009.

ACCELERATED FOR - CREDIT COURSES

Algebra 1 A/B

(1/2 Credit)

Grades 9 - 12

Cost \$ 300.00

Algebra 1 examines the basic structure of real numbers, algebraic expressions, and functions. The topics studied are linear equations, inequalities, functions and systems, quadratic equations and functions, polynomial expressions, data analysis, probability, and properties of functions. Mathematical modeling of real-life problems and problem solving are major themes of the course. This course is designed to prepare students for further study of mathematics as well as for the Maryland High School Assessment Test (HSA) for Algebra which students must pass in order to graduate. The TI – 83 – Plus Graphing Calculator is required for students taking Algebra 1. Paint Branch only offers one session so students need to sign up for either Algebra 1 A or B. Students cannot take both in the summer session at Paint Branch. ***These courses are required for graduation.***

Prerequisite: Algebra 1 A or B should NOT be taken for initial credit. These courses are offered for students who have not successfully completed the course in the regular school year.

Biology A/B

(1/2 Credit Each)

Grades 9 - 12

Cost \$ 300.00

These courses emphasize the study of living things through laboratory experiences. Topics include ecology, chemistry of life, cells in living things, cell energy, nucleic acids and protein syntheses, energy, inheritance, applied genetics, evolution and systems and living things. Ecology and evolution are unifying themes throughout the course. Attention is given to social issues and career opportunities. Dissections may occur. Paint Branch only offers one session so students need to sign up for either Biology A or B. Students cannot take both in the summer session at Paint Branch. ***These courses are required for graduation.***

Comprehensive Health Education

(1/2 Credit)

Grades 10 - 12

Cost \$ 310.00

Students learn factual health information and develop lifetime skills in mental health; tobacco, alcohol, and other drugs; personal and consumer health; nutrition and fitness; safety and injury prevention; family life and human sexuality; and disease prevention. Although this course is required for graduation, parental permission must be specifically provided for students under the age of 18 to participate in family life and human sexuality and HIV/STI prevention. ***This course meets the state of Maryland one-half credit Health Education graduation requirement and can be taken for initial credit.***

ACCELERATED FOR - CREDIT COURSES (Cont.)

English 9 A/B

(1/2 Credit Each)

Grades 9 - 12

Cost \$ 300.00

This course integrates the processes of reading, writing, speaking, listening, and viewing with the study of the contents of language and literature. Students develop critical reasoning skills and strategies for close reading of texts from a variety of genres and time periods during two units aligned with ninth grade history courses. Students complete mandatory common tasks that focus primarily on the writing process but include development of other language skills. Paint Branch only offers one session so students need to sign up for either English 9 A or B. They cannot take both in the summer session at Paint Branch. ***These courses are required for graduation.***

English 10 A/B

(1/2 Credit Each)

Grades 9 - 12

Cost \$ 300.00

This course integrates the processes of reading, writing, speaking, listening, and viewing with the study of the contents of language and literature. Students develop critical reasoning skills and strategies for close reading of texts from a variety of genres and time periods during two thematic units. Students complete mandatory common tasks that focus primarily on the writing process but include development of other language skills. Paint Branch only offers one session so students need to sign up for either English 10 A or B. They cannot take both in the summer session at Paint Branch. ***These courses are required for graduation.***

English 11 A/B

(1/2 Credit Each)

Grades 9 - 12

Cost \$ 300.00

This course integrates the processes of reading, writing, speaking, listening, and viewing with the study of the contents of language and literature. Students develop critical reasoning skills and strategies for close reading of texts from a variety of genres and time periods during two thematic units. Students complete mandatory common tasks that focus primarily on the writing process but include development of other language skills. Paint Branch only offers one session so students need to sign up for either English 11 A or B. They cannot take both in the summer session at Paint Branch. ***These courses are required for graduation.***

ACCELERATED FOR - CREDIT COURSES (Cont.)

Matter and Energy A/B

(1/2 Credit Each)

Grades 9 - 12

Cost \$ 300.00

These courses emphasize the Development of observation, experimentation, and analytic skills applicable to succeeding in laboratory courses in high school science. Matter and Energy A includes scientific skills and processes, mechanics (forces and motion), energy, electricity, and magnetism. Matter and Energy B includes properties of matter, heat, and atomic and nuclear structure. Paint Branch only offers one session so students need to sign up for either Matter and Energy A or B. Students cannot take both in the summer session at Paint Branch.

Modern World History A/B

(1/2 Credit Each)

Grades 9 – 12

Cost \$ 300.00

Modern World History A is a survey of modern world history that begins in the 15th century and continues through 1850. Focus areas include major civilizations about 1500; effects of Renaissance, Protestant Reformation, and economic changes; philosophical/scientific thinking and the Industrial Revolution. Modern World History B continues the survey of the history begun in Modern World History A. Students examine the time period between 1850 to the present. Focus areas include nationalism and imperialism; rise of totalitarian governments, World War I and II; worldwide depression, and Cold War. Paint Branch only offers one session so students need to sign up for either Modern World History A or B. Students cannot take both in the summer session at Paint Branch. *These courses are required for graduation.*

National State and Local Government A/B

(1/2 Credit Each)

Grades 9 – 12

Cost \$ 300.00

In NSL Government A, students learn the purposes, structure, functions, and workings of government; rights and responsibilities of citizens; and change processes that keep American governments workable. NSL Government B is a continuation of the NSL Government A. Students learn economic principles, fiscal/monetary policy of the United States, principles of foreign policy and application to contemporary situations, and the role of government in making public policy in areas such as environment, health and equity. Paint Branch only offers one session so students need to sign up for either NSL Government A or B. Students cannot take both in the summer session at Paint Branch. *These courses are required for graduation.*

ACCELERATED FOR - CREDIT COURSES (Cont.)

U.S. History A/B

(1/2 Credit Each)

Grades 9 - 12

Cost \$ 300.00

This course is a continuation of eighth grade U.S. History. U.S. History A is a survey in four areas – the enduring impact of Civil War and Reconstruction; effects of Industrial Revolution and immigration; United States in world affairs through World War I; and major developments of the 1920's and 1930's. U.S. History B is a survey of four areas of U.S. History – World War II and its impact; domestic policies 1945 – 1970; the impact of the cold war; and cultural change in post-war America. Paint Branch only offers one session so students need to sign up for either U.S. History A or B. Students cannot take both in the summer session at Paint Branch. *These courses are required for graduation.*

Summer Program Course Listings	Media	Science	Enrichment	Credit	S/ 2 Week Program	1 Week Course	2 Week Course	3 Week Course
	Panther Summer Academy Classes							
English Support			X		X			
Mathematics Support			X		X			
TV Production	X		X		X			
Medical Careers		X	X		X			
Ceramics: From Mud to Poetry	X		X		X			
The Wonderful World of Physics		X	X		X			
AP Skills for First Time Students			X			X		
Accelerated For – Credit Classes								
Algebra 1 A or B				X				X
Biology A or B				X				X
Comprehensive Health Education				X				X
English 9 A or B				X				X
English 10 A or B				X				X
English 11 A or B				X				X
Matter and Energy A or B				X				X
Modern World History A or B				X				X
NSL Government A or B				X				X
U.S. History A or B				X				X