

SUMMER INSTITUTES FOR TALENT DEVELOPMENT

*Summer Programs for Advanced Level Learners in Technology,
Science, Language Arts, Fine Arts and Mathematics
Elementary, Middle and High School Offerings*



2009

HOWARD COUNTY PUBLIC SCHOOL SYSTEM

Summer Institutes for Talent Development Registration Form - Summer 2009

Name: _____ Student's ID# (Required, obtain from school office) _____

Current School: _____ Grade (2008-2009) _____ Grade (2009-2010) _____

Race: _____ Gender: _____

What school will your child attend in the Fall? _____

Student's Home Address: _____

City: _____ Zip: _____ Home Phone: (____) _____

Has your child participated in any of the following GT Offerings in the 2008-2009 School Year? (Circle all that apply)

GT Math for Grades 4 and 5

Curriculum Extension Units

Instructional Seminars

Type III Investigation

MS GT Content Area Classes

GT Saturday Art Program

Parent/Guardian's Name: _____ Parent/Guardian's Signature: _____

Please check the course(s) for which you would like to register. Please select classes based on the grade your child will be entering next school year.

GENERAL ACADEMICS COURSES

SESSION I • JUNE 29-JULY 10 • \$270			SESSION II • JULY 13-24 • \$300		
Grades 2 - 3	Mystery Mania		Grades 2 - 3	Sailing Through Literature	
Grades 2 - 3	Bubbles! Bubbles! Bubbles!		Grades 4 - 5	Digging Up the Past	
Grades 4 - 5	Math on the Menu		Grades 4 - 5	Electricity City	
Grades 4 - 5	3, 2, 1, Blast Off!		Grades 4 - 5	A Mathematics Archeological Dig	
Grades 4 - 5	Money, Banking and Wall Street		Grades 6 - 7	The World Through Languages	
Grades 6 - 7	Hear Me! Hear Me!		Grades 6 - 8	Cracking the Code: DNA	
Grades 6 - 7	Lights, Camera, Action		Grades 7 - 8	The Stuff That Dreams are Made Of	

FINE ARTS COURSES

SESSION I • JUNE 29-JULY 10 • \$270			SESSION II • JULY 13-24 • \$300		
Grades 1 - 3	Drawing Your Imagination		Grades 1 - 3	Mixed Media Mania	
Grades 4 - 5	Drawing and Painting		Grades 4 - 5	Three-Dimensional Art	
Grades 6 - 8	Painting With Color		Grades 6 - 8	Sculpture Workshop	
Grades 9 - 12	Portfolio Preparation				
Grades 9 - 12	Foundations of Photography				
Grades 9 - 12	Compose Music Like a Pro				

Method of Payment

Check Amount: \$ _____ Check #: _____ Name on Check: _____

Charge Card Visa MC Card # _____ Charge Card Expiration Date ____/____/____

Money Order Amount \$ _____ MO # _____

GENERAL INFORMATION

GT SUMMER INSTITUTE FOR TALENT DEVELOPMENT OVERVIEW:

GT Summer Institutes are offered to Howard County students interested in advanced-level instructional/enrichment experiences not regularly available during the academic school year.

Each GT Summer Institute offering is aimed at accelerating student achievement, based on the HCPSS essential curriculum, and aligned with curriculum objectives and assessments. Student centered curriculum is focused on talent development and addresses the needs of advanced learners. These needs include academic, cognitive, cultural, emotional, environmental, social, family, physical, and those relating to learning style.

Teaching strategies utilized represent current best practices in the field of gifted and talented education. The instructional activities are academically/artistically rigorous, hands-on, and emphasize the mastery of process over development of an end product. Activities are designed to stimulate creativity, critical thinking, higher order thinking, and problem solving. All teachers are certified teachers with expertise in the offered courses.

Student work is evaluated and student progress is reported and articulated with students, parents, and home schools.

LOCATIONS

Homewood Center
10914 Route 108, Ellicott City
Located on Route 108 behind the
Howard County Dept. of Education

Oakland Mills High School
9410 Kilimanjaro Road, Columbia
Located off of Broken Land Parkway.
At Stevens Forest Road, turn left.
Turn right at Kilimanjaro Road.
Go past Oakland Mills Middle.
School is on the left.

COURSE TIMES

8:30 am-12:30 pm daily

TRANSPORTATION

Transportation for students enrolled in the GT Summer Institutes for Talent Development will be the responsibility of the students and their parents/guardians. Students must be dropped off and picked up on time.

REGISTRATION PROCEDURES

- Complete Registration Form and mail to the address listed below.
- Give Teacher Nomination Form to a teacher to fill out. The teacher is then responsible for filling out the form and sending it to the Summer Institutes.
- Complete Emergency Procedure/ Health Forms (will be mailed to you upon registration).
- Submit check, cash, money order, or credit card for the proper amount (made payable to the Howard County Public School System). All checks will be deposited as soon as they are received. **Postdated checks will not be accepted.**
- **Mail registration form and payment to: Summer Institutes for Talent Development, Faulkner Ridge Center, 10598 Marble Faun Court, Columbia, MD 21044.** Registration is not complete until the Teacher Nomination Form has been received, **and student ID number is provided.**
- **Mail-in registrations must be postmarked no later than April 17. Classes fill early, so register early to guarantee a slot.**

RETURNED CHECKS

Checks returned by your bank due to insufficient funds will be assessed a \$25.00 charge. If payment is not received in full, the unpaid amount will become a debt and will be entered as an outstanding obligation at your child's school. All obligations must be satisfied prior to graduation.

COURSE CANCELLATION

Course enrollment will be reviewed on April 17, 2009. Courses with low enrollment may be cancelled. Once a course is cancelled, no further registration will be accepted and no teacher will be hired. In order to avoid cancellation of a course due to low enrollment, early registration is recommended.

WITHDRAWALS AND REFUNDS

Course Cancellation: If you paid with a check or money order, a refund will be processed automatically. It will take some time to process. If paid by credit card, your card will be credited.

Student Withdrawal: The Student Withdrawal Form must be completed. This form may be obtained from the GT Summer Institutes for Talent Development Office. The parent/guardian must submit this form to the summer institute director before June 15, 2009. If you paid with a check or a money order, a refund will be processed automatically. Remember, this process will take time. If you paid by credit card, your card will be credited. Requests received after June 15, 2009 will be assessed a 10% refund fee. All refunds will be processed after June 15. **Checks:** All checks will be deposited as soon as they are received.

SCHOLARSHIPS

If your child qualifies for Free or Reduced Lunch through the HCPSS lunch program, your child may be eligible to receive a scholarship to attend at a reduced rate. Please contact Stephanie Bateman directly for more information.

BEFORE AND AFTER CARE

Before and after care may be available on-site at the Homewood Center for a fee from 7 am-8:30 am and from 12:30 pm-6 pm through the Columbia Association. Information will be mailed home once registration is finalized.

If you have questions about this brochure, please contact
Stephanie Bateman
at 410-313-6800 or
stephanie_bateman@hcpss.org

General Academics Session I June 29 - July 10

MYSTERY MANIA

Entering Grades: 2 and 3

Tuition: \$270.00

Location: Homewood Center

Instructor: Carol Brzezinski

Have you seen Mr. Bear? Somebody borrowed him, and now we have a crime to solve. In an effort to discover who borrowed the stuffed Mr. Bear, students examine clues and evidence while learning important science skills and concepts. Students will apply skills in observation, analysis, technology, and problem-solving as they help solve and create their own mysteries. Are you ready to be a detective?

BUBBLES! BUBBLES! BUBBLES!

Entering Grades: 2 and 3

Tuition: \$270.00

Location: Homewood Center

Instructor: Todd Pencek

Do you like blowing bubbles to see how large you can make them and to watch the rainbow of colors that shimmer on the surface of each bubble? Join us as we explore the many joys of bubbleology including the iridescence, surface tension, buoyancy, and shape of bubbles, making each one as unique as a fingerprint! Explore firsthand the magic of "Bubble Shapes" and "Bubble Measurement" to "Bubble Skeletons" and "Body Bubbles."

MONEY, BANKING AND WALL STREET

Entering Grades: 4 and 5

Tuition: \$270.00

Location: Homewood Center

Instructor: Rachel Kastner

In this fast-paced and interactive class, students will look behind the scenes at what drives the American economy: money. Students will take an in-depth look at the role money plays in our society. The course will look at the history of money and how interest rates, inflation, banks and money supply affects the stock market. Students will get a chance to invest an imaginary \$100,000 in the stock market and track its growth over one week. If you like math and money, don't miss this opportunity!

MATH ON THE MENU

Entering Grades: 4 and 5

Tuition: \$270.00

Location: Homewood Center

Instructor: Katie Barbagallo

This true-to-life cuisine scene explores the mathematical concepts of analyzing calculations, making combinations, determining cost, problem solving, and working with area and perimeter all through planning a new restaurant. Join this exciting, hands-on exploration of math on the menu!

3, 2, 1, BLAST OFF!

Entering Grades: 4 and 5

Tuition: \$270.00

Location: Homewood Center

Instructor: Jessica Michaelson

Launch into space without leaving the classroom! Come explore science, math, technology, writing, reading, career education, and current events focusing on the theme of space. Learn about America's history in space, including the "Space Race"; build rockets; play with space toys; make model space devices; and much more. NASA is looking to send people to Mars in the near future, and there is no better way to help prepare our future astronauts.

HEAR ME! HEAR ME!

Entering Grades: 6 and 7

Tuition: \$270.00

Location: Homewood Center

Instructor: Mary Reinhard

Have your voice heard! Be creative and explore the exciting world of writing and performing. Learn how to use your mind, voice, body language . . . and enhance your speaking skills through improvisation. Students will have the opportunity to write and perform a variety of extemporaneous and informative speeches, in addition to storytelling. All the world's a stage. Come and take your first steps onto the set.

LIGHTS, CAMERA, ACTION

Entering Grades: 6, 7 and 8

Tuition: \$270.00

Location: Homewood Center

Instructor: Kelly Storr

In this media-rich world we live in, students need to be exposed to 21st century skills that will help them in the future. Students will learn the professional language and techniques of the film and television industries. They will put those skills into action through a variety of individual and group activities and critique popular visual media with their newly gained knowledge. Students will picture themselves in the director's chair or behind the camera, showing their talents on-screen . . . and then, through the magic of visual media, making it a reality.



General Academics Session II July 13 - 24

SAILING THROUGH LITERATURE

Entering Grades: 2 and 3

Tuition: \$300.00

Location: Homewood Center

Instructor: Tammy Sczepanski

Do you love to read? Are books your best friends? If so, this summer institute is for you! Join a group of other book lovers as we set sail through oceans of exciting literature selections. Explore and navigate noteworthy authors and enjoy reading and responding to stories in exciting and creative ways. The development of high level vocabulary, comprehension and interpretive thinking skills will be emphasized in this seminar. Are you ready to join the crew and discover new horizons this summer?

DIGGING UP THE PAST: AN ARCHAEOLOGICAL EXPERIENCE

Entering Grades: 4 and 5

Tuition: \$270.00

Location: Homewood Center

Instructor: Benjamin Weiskind

This is your opportunity to be Indiana Jones for two weeks. Learn the methods of identification, excavation, and interpretation of artifacts as you unearth them with your own hands and tools during a simulation in which a construction company has stopped its work due to finding artifacts that seem to be from Colonial America. As you work as archaeologists in either a prepared site or on a live one, you will uncover a solution to the problem and guide the construction company on how to proceed. Be willing to get dirty, dig in the earth, and sift through it in search of artifacts as you begin your future as an archaeologist.

ELECTRICITY CITY

Entering Grades: 4 and 5

Tuition: \$300.00

Location: Homewood Center

Instructor: Erica Vincent

BLACKOUT! What happens when the lights go out? Electricity City provides students the opportunity to conduct experiments, collaborate on real-life issues and problem solve. The students will develop a detailed plan to construct a recreation center in Baltimore city, focusing on all of the building's electrical needs so that it is protected in a storm. Students will actively be involved in investigations about electricity.

A MATHEMATICS

ARCHEOLOGICAL DIG

Entering Grades: 4 and 5

Tuition: \$300.00

Location: Homewood Center

Instructor: Jessica Brown

Student mathematicians will go on an "archeological dig" to explore the mysteries of numeration systems etched on a stone similar to the Rosetta Stone. Through engaging investigations, they will look at patterns in our number system and then work with other systems. By analyzing each system, they will gain a deeper understanding of place value and bases and be able to understand why our system is both a place-value system and a base system. Through the investigations students will gain the knowledge needed to unravel mysteries at the end of the unit, allowing them to create a numeration system of their own.

THE WORLD THROUGH LANGUAGES

Entering Grades: 6 and 7

Tuition: \$300.00

Location: Homewood Center

Instructor: Cassandra Miller

Did you know that languages are similar to keys? They open doors to the magnificent people and cultures of the world. We live in a multilingual world where students listen, speak, read, write and even text in different languages. This language immersion course will focus on the exploration of interdisciplinary topics such as art, mathematics, music, literature and technology in French and Spanish. The students will participate in an art museum scavenger hunt, "study abroad" on a virtual field trip, explore French Caribbean music and dances, and problem solve mathematical equations in the target languages. Let's experience an exciting summer journey! Are you ready to receive your new set of keys?

CRACKING THE CODE:

DNA AND HOW IT WORKS

Entering Grades: 6, 7 and 8

Tuition: \$300.00

Location: Homewood Center

Instructor: Bernadette Allman

Have you ever wondered why you like broccoli and your brother doesn't? The answer could be in your genes. In this course, students will learn the basic patterns of inheritance, the structure of DNA, and how this amazing molecule encodes genetic information. This exciting, hands-on course will focus on building students' lab skills using current biotechnology techniques and equipment. Students will build models of the DNA molecule, isolate DNA from a sample, then identify the genes present in the sample.

THE STUFF THAT DREAMS ARE MADE OF: FANTASY AND SCIENCE FICTION IN READING, WRITING AND FILM

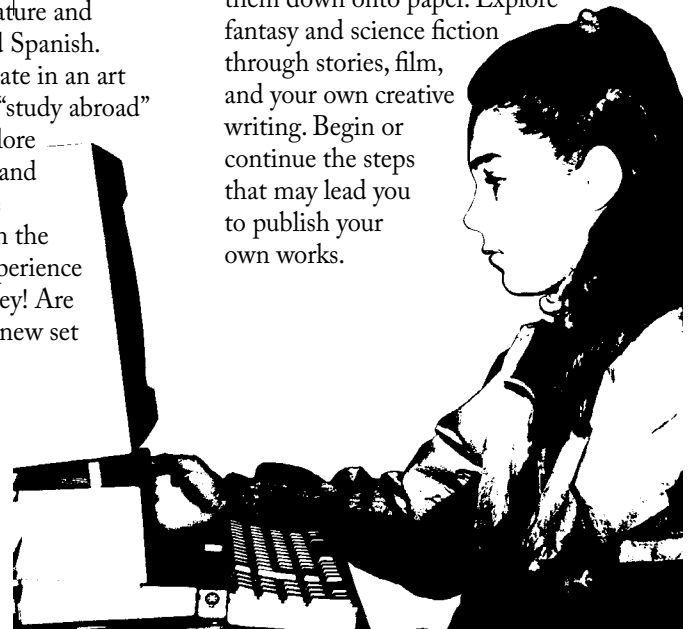
Entering Grades: 7 and 8

Tuition: \$270.00

Location: Homewood Center

Instructor: Richard Kemp

Twilight, Eragon, Harry Potter, Charlie and the Chocolate Factory. What do these stories all have in common? They are all a type of fiction known as "fantasy" or "science fiction." Experience what it took for Stephanie Meyer, Christopher Paolini, J. K. Rowling, and Roald Dahl, and other writers to come up with their ideas and get them down onto paper. Explore fantasy and science fiction through stories, film, and your own creative writing. Begin or continue the steps that may lead you to publish your own works.



Fine Arts Session I June 29 - July 10

DRAWING YOUR IMAGINATION

Entering Grades: 1, 2, and 3

Tuition: \$270.00

Location: Homewood Center

Instructor: Linda Hoskins

Draw your favorite objects in this fun and imaginative class. Find inspiration from different artists and then experiment with a variety of drawing materials such as markers, ink, craypas, and colored pencils.

DRAWING AND PAINTING

Entering Grades: 4 and 5

Tuition: \$270.00

Location: Homewood Center

Instructor: Tolly Rumbaugh

Learn how to use paints, pastels, and pencils to illustrate what you see. Practice your observational skills while working directly from real objects, people, and landscapes, and then have fun experimenting with color mixing, mark-making, balance, composition, and shading.

PAINTING WITH COLOR

Entering Grades: 6, 7, and 8

Tuition: \$270.00

Location: Homewood Center

Instructor: Lexi Person

Capture color and form in your art while you explore the process of painting. Learn about painting techniques that artists use, and then use watercolor, tempera, and drawing materials to build skills and inspire creativity.

PORTFOLIO PREPARATION:

WORKING FROM OBSERVATION

Entering Grades: 9, 10, 11, and 12

Tuition: \$270.00

Location: Oakland Mills High School

Instructor: Heather Leatherman

This course will focus on observational drawing and painting in a traditional method using a still life, figure model, portrait or landscape as the subject and rendering the subject as accurately as possible. Working at least 18" x 24" or larger, a variety of dry and wet media will be used. Work produced in this course can be used for the breadth section of the AP Drawing or 2-D Portfolio.

FOUNDATIONS OF PHOTOGRAPHY

Entering Grades: 9, 10, 11, and 12

Tuition: \$270.00

Location: Oakland Mills High School

Instructor: Jacob Cecil

This basic photography course will introduce both inexperienced and experienced photographers to basic black-and-white photography from a fine arts perspective. Covered are camera handling, film development, and printing. Assignments focus on helping students develop personal vision and improve technical control. It is recommended that the student have a 35mm SLR camera.

COMPOSE MUSIC LIKE A PRO IN YOUR OWN HOME STUDIO

Entering Grades: 9, 10, 11 and 12

Tuition: \$270.00

Location: Oakland Mills High School

Instructor: Richard McCready

Almost all music created in professional studios today is composed using computers. Chart hits, movie soundtracks, and video game soundtracks are all put together on high-end computer-based sequencers and digital audio workstations. The speed and capacity of home computers and laptop computers has now reached the point where it is easy to create outstanding music in a simple home studio. In this course you will learn how to start your own home studio, and how to get started making soundtracks on the same music-making software that is being used in major studios today.



Fine Arts Session II July 13 - 24



MIXED MEDIA MANIA

Entering Grades: 1, 2 and 3
Tuition: \$300.00
Location: Homewood Center
Instructor: Lisa Nardi

Explore various artists who use paint, stone, fabric, and more. Create your own mixed-media masterpieces using paint, collage, fabric, and found materials.

THREE-DIMENSIONAL ART

Entering Grades: 4 and 5
Tuition: \$300.00
Location: Homewood Center
Instructor: Daniel Sanz

Look at a variety of sculptors who will inspire you to develop your skills in basic sculpture techniques. Explore hand building with clay as well as creating 3-D works with paper, wood, wire, and found objects.

SCULPTURE WORKSHOP

Entering Grades: 6, 7, and 8
Tuition: \$300.00
Location: Homewood Center
Instructor: Lexi Person

Be inspired by contemporary sculptors who work in a variety of media. Use a variety of three-dimensional media to explore traditional subjects in art – the figure, animals, and other natural forms.

Summer Institutes for Talent Development Teacher Nomination Form - School Year 2009

Pony this completed form to Stephanie Bateman, Faulkner Ridge Center, by May 1

Student Name: _____ School _____

Student ID Number: _____ Grade Level (2008-2009) _____

This student is applying to: _____

Teacher's Name: _____

Teacher's Position: _____ Daytime Phone #: (____) _____

Has this student participated in any of the following GT offerings in the 2008-2009 school year? (Circle the ones that apply)

- | | | |
|----------------------------|---------------------------------------|-------------------------|
| GT Math for Grades 4 and 5 | Curriculum Extension Units | Instructional Seminars |
| Type III Investigation | Middle School GT Content Area Classes | GT Saturday Art Program |

DIRECTIONS TO TEACHER:

Please relate your responses specifically to this student's ability in the subject area relating to the course selected. Please rate each behavior on a scale of 1-4 and Pony this form to Stephanie Bateman, Faulkner Ridge Center. If you have questions regarding a class recommendation for a specific student, please call or e-mail Karen Saunderson at karen_saunderson@hcpss.org, or call Karen at 410-313-6937.

- 4 = Frequently observed or demonstrated
- 3 = Occasionally observed or demonstrated
- 2 = Seldom observed or demonstrated
- 1 = Unable to observe

This student:	(Please circle)			
Demonstrates a high level of interest in this subject	4	3	2	1
Demonstrates a high level of commitment to this subject area	4	3	2	1
Demonstrates a high level of ability in this subject area	4	3	2	1
Engages in academic risk-taking behaviors	4	3	2	1
Strong problem-solving skills	4	3	2	1
Task commitment	4	3	2	1
High quality of work	4	3	2	1
Motivation	4	3	2	1
Creativity	4	3	2	1

Would you recommend this student for the Summer Institutes for Talent Development in the class he/she is requesting?

Yes _____ No _____ Please comment on specific ways this student has demonstrated outstanding abilities, talents, achievements and/or potential for growth in the subject area requested.

Signature of Teacher: _____ Date: _____