

S.T.R.E.T.C.H.

Stretching Through Enrichment, Thinking, Challenges, & Hands-on investigation

Dear Parent(s) and/or Guardian(s):

I am writing to share information about an exciting program being offered by the Cleveland Heights - University Heights City School District this summer. All enrolled students who will enter grades 6-12 during the 2009-10 school year will be eligible to participate.

The **Summer S.T.R.E.T.C.H.** program, which includes various course offerings, will be held at Cleveland Heights High School (C.H.H.S.) from July 27, 2009 through August 7, 2009. This program has been designed to provide enrichment and targeted preparation and support for our students during the summer. Offerings vary in audience, meeting time, and content. We are hoping that your child will take advantage of this program.

Please see the enclosed information which provides detailed information about course offerings and registration information. Enrollment in courses will be done on a rotational basis every 2 weeks, beginning on March 9, 2009 and ending on May 22, 2009. Student will receive confirmation of their enrollment in June. Students are encouraged to indicate their top 3 choices of coursework on the registration form. Depending upon enrollment, students may be able to register in more than one course. Students are expected to attend each day of the course for which they register for.

To register for this program, please submit the following to the C.H.-U.H. Board of Education:

1. **Registration Form** (on back page of the enclosed brochure)
2. **Emergency Form** (enclosed in this mailing)
3. **Field Trip Permission slip** (only if registering for courses in which a trip is listed)
4. **Signed Code of Conduct form** (enclosed in this mailing)
5. **Check or money order** written to “**C.H.-U.H. Board of Education**” in the amount of \$30. (This payment registers your child to participate in the program and no other fees or payment will be required.)

Please note: Payment and all needed forms must be completed before a child will be registered for the program.

Transportation will not be provided for the S.T.R.E.T.C.H. Program. Students are expected to be picked up within 15 minutes of the end of the course for which they are enrolled. Only students who are enrolled in full-day courses or who are enrolled in both a morning and an afternoon course are permitted to stay for lunch from noon – 1:00 p.m. These students must remain within CHHS and eat lunch in the designated area. Lunch will not be provided. Students are expected to bring their own lunches, snacks, and/or drinks to the program. Access to snack and/or soda machines may be available.

If you have questions and/or concerns, please contact Becky Quinn, Director of Gifted/Enrichment and Middle Level Education at: r_quinn@chuh.org or (216) 320-2021. We look forward to providing your child with rewarding learning opportunities this summer!

Sincerely,
The Summer S.T.R.E.T.C.H. Planning Team

Cleveland Heights – University Heights Schools

Summer

STRETCH

*(Stretching Through Rigorous Enrichment,
Thinking, Challenges,
& Hands-on investigation)*

2009

July 27, 2009 – August 7, 2009



**Attention students... if you will be enrolled in grades 6-12 during the
2009-10 school year.....**

**Take advantage of the enrichment and preparatory/support courses
offered this summer at Cleveland Heights High!**

S.T.R.E.T.C.H. Program
Enrichment Course Offerings
Grade level indicates enrollment in 2009-10.

Amusement Park Physics (grades 7-9)

Course description:

Students will use science and math skills to simulate principles of physics. CSU College of Engineering professors/graduate students will support students as they work to integrate these principles in the planning for and creation of an amusement park like no other. ***The week of 8/03/09 will include 1 full-day trip.**

Course # 00001A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – noon)*

Course # 00001B

Meeting dates/time:

M-F, 7/27/09-8/7/09 (1:00 p.m. – 3:00 p.m.)*

Edible Architecture (grades 6-8)

Course description:

Students will use basic math and geometry skills to create their own unique architectural plans to scale. Students will identify edible materials to create the aesthetic quality and functionality desired. Students will then build these edible masterpieces.

Course #00002A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – noon)

Course #00002B

Meeting dates/time:

M-F, 7/27/09-8/7/09 (1:00 p.m. – 3:00 p.m.)

Experience Cleveland Plus!!! (grades 6-8)

Course Description:

Experience the rich historical, scientific, and cultural assets of our area. Guided exploration via off-site day trips including: Cleve. Botanical Gardens, Cleve. Metroparks Zoo, Cleve. Museum of Art, Inventor's Hall of Fame, Lakeview Cemetery, West Side Market.

Class Max: 12 students

Course #00003A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (approximately 10:00 a.m. – 3:00 p.m., detailed schedule provided in June)

Forensic Science 101 (grades 7-9)

Course description:

Students will work with the CHHS Forensics teacher to explore "who dunnit" cases in order to introduce students to basic concepts and principles in forensic science. They will make investigations, collect and analyze data, formulate explanations, revise their hypothesis if necessary, and draw conclusions. Topics will include crime scene processing, fingerprint analysis, hair/fiber/blood analysis.

Course # 00004A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – noon)

Course # 00004B

Meeting dates/time:

M-F, 7/27/09-8/7/09 (1:00 p.m. – 3:00 p.m.)

Future City II (grades 7-11)

Course description:

Explore the challenges of the future! Students assume the roles of chemical, mechanical, electrical, aeronautical, and civil engineers in developing a vision for a future city. Sim City 4™ software will be used in constructing a scale model that integrates innovative ideas for future architectural design, transportation, communication, recreation, environmental concerns, and the health/safety of future citizens.

Course # 00005A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – noon)

Heights Mural Art (grades 7-12)

Course description:

Mural-making can inspire students to become artists, organizers, and leaders in the community. Session will teach mural-making, fundamental art skills, and hands-on research as they relate to the planning stages. Finished murals celebrate the collective creative force. Be a part of it!!! Participating students should have a strong interest in painting and design.

Course # 00006A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – 3:00 p.m.)

Music Theory 101 (grades 6-8)

Course description:

Have an emerging interest in writing and/or playing music? Want to understand the fundamentals (including math and science) of music – from Beethoven and Bach to Beyonce and P. Diddy? This beginning study of Music Theory is a great way to start and a perfect way to determine if AP Music Theory might be a great course for you at CHHS!!

Course #00007A

Meeting dates/time:

M-F, 7/27/09-8/07/09 (1:00 p.m. – 3:00 p.m.)

Our Government, Our Voice, Our Future! (grades 6-8)

Course description:

Students have the power to change our government for the better. Students will learn about and address important issues in our community, state or nation through the *Project Citizen* curriculum. Action plans created will be presented by students to a panel of local business and community leaders in an effort to change our community for the better.

Course #8A

Meeting dates/times

M-F, 7/27/09-8/7/09 (10:00 a.m. – 12:00 p.m.)

Ready, Set, C.E.O. Me! (grades 6-11)

Course description:

Have you ever thought of owning your own business? Do you have an idea or a product that you think others would pay to have? This course will give students practical experience in turning their creativity into reality. Students will create or refine their moneymaking idea, participate in a business simulation, create a business plan, and outline steps to get their product into the marketplace.

Course #9A

Meeting dates/times

M-F, 7/27/09-8/7/09 (1:00 p.m. – 3:00 p.m.)

Top Chef – C.H.-U.H. Style – (grades 6-8)

Course description:

Students will use basic math, Algebra, and Geometry skills to master the art of cooking. An initial emphasis on measurement, safety, cooking skills, nutrition, interpretation of recipes, etiquette, and budgeting will lead into the culminating event – a *Top Chef* competition.

***One full-day session will offer students the chance to visit one of Cleveland’s most popular restaurants.**

Course #00010A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – noon)*

Course #00010B

Meeting dates/time:

M-F, 7/27/09-8/7/09 (1:00 p.m.-3:00 p.m.)*

Video: Digital Communication and Production for the 21st Century (grades 7-10)

Course description:

Students will be involved in production planning, script-writing, storyboard creation, problem-solving through collaboration, and video composition. Course invites new students as well as students who may have participated last year. **At least one opportunity for off-campus filming and study will be provided.**

Class Max: 15 students

Course #00011A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – 3:00 p.m.)

Writer’s Workshop (grades 6-10)

Course description:

This course is designed for students who enjoy the art and craft of writing. Students will develop voice and choice in writing, and experience multiple writing genres.

	<u>Grade 6</u>	<u>Grades 7-8</u>	<u>Grades 9-10</u>
M-F, 7/28/09-8/08/09 (10:00 a.m. – noon)	Course # 000012A	Course # 000012C	Course # 000012E
M-F, 7/28/09- 8/08/09 (1-3:00p.m.)	Course # 000012B	Course # 000012D	Course # 000012F

S.T.R.E.T.C.H. Targeted Courses

Grade level indicated reflects enrollment in 2009-10.

Bridging to Algebra II (grades 8-10) Prerequisite: Student must have completed Geometry in the 2008-09 school year.

Course description:

Students will be provided with an exciting hands-on approach to Algebra and Geometry. Topics explored will further prepare students for success in Algebra II in the fall. This course is designed for students who have taken the traditional Geometry course, but feel as if skills should be strengthened and developed prior to enrollment in more difficult math in 2009-10.

Course #00011A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – noon)

Course #00011B

Meeting dates/time:

M-F, 7/27/09-8/7/09 (1:00 p.m. – 3:00 p.m.)

Making College a Reality (grades 7-8)

Course description:

Students will work in collaboration with middle school and CHHS counselors, AVID liaisons, local Honors College representatives, and college Admissions officers to provide an initial glimpse of college applications and the scholarship/financial aid process. Guided exploration of colleges/universities, programs of study, and scholarship opportunities will be offered. Students will also explore course offerings available at both the MS and HS level which relate to their goals and will refine a detailed multi-year plan leading to graduation and post-secondary options. A panel of recent CH-UH graduates will share their experience as a first-year college student. A perfect time to develop a concrete plan for the future and maximize your down-time this summer!! ***Two full-day visits to college/university campuses will be included in this course.**

Course #00012A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – noon)*

Course #00012B

Meeting dates/time:

M-F, 7/27/09-8/7/09 (1:00 p.m. – 3:00 p.m.)*

Making College a Reality (grades 10-12)

Course description:

Students will work in collaboration with CHHS counselors, Mr. Gulko, local Honors College representatives, and college Admissions officers to provide them with strategies to prepare college applications, formulate essays, and identify and apply for scholarship/financial aid. Guided exploration of colleges/universities, programs of study, and scholarship opportunities will be offered. A panel of recent CH-UH graduates will share their experience as a first-year college student. A perfect time to get organized for the future and maximize your down-time this summer!! ***The week of 7/27/09 will include full-day visits to university/college campuses for both sections.**

Course #00013A

Meeting dates/time:

M-F, 7/27/09-8/7/09 (10:00 a.m. – noon)*

Course #00013B

Meeting dates/time:

M-F, 7/27/09-8/7/09 (1:00 p.m. – 3:00 p.m.)*

SAT Workshop (grades 10-12)

Course description:

Students will be provided with proven strategies to best prepare them for success on the SAT. Ways to improve existing SAT scores will be shared. Students will need to bring a 4-function calculator on the first day of class. *The Official SAT Study Guide* will be provided to all participants. **PLEASE NOTE: THIS COURSE MEETS FOR ONLY THE 1ST WEEK OF S.T.R.E.T.C.H.**

Class Max. - 20 students

Course #00014A

Meeting dates/time:

M-F , 7/27/09-7/31/09 (10:00 a.m. – noon)

Class Max. - 20 students

Course #00013B

Meeting dates/time:

M-F, 7/27/09-7/31/09 (1:00 p.m. – 3:00 p.m.)

Summer S.T.R.E.T.C.H. 2009 Registration Form

Student Name: _____
(first name) (last name)

Student ID Number: _____

Grade level in 2009-10 school year: _____

Student Home Address:

(street number, street name, apt. #)

(city) (zip code)

Student Home Phone #: _____

Alternate Contact Phone #: _____

Math Course in 2008-09 school yr.: _____

S.T.R.E.T.C.H. Course Selection(s):

1st Choice: _____
(course name)

_____ (course number)
2nd Choice: _____
(course name)

_____ (course number)
3rd Choice: _____
(course name)

_____ (course number)

PLEASE CHECK HERE IF YOU WISH TO BE ENROLLED IN MULTIPLE COURSES LISTED ABOVE (IF SPACE & SCHEDULING PERMITS)

RETURN THIS BACK PAGE WITH CHECK OR MONEY ORDER FOR \$30 (ONLY FEE REQUIRED) MADE PAYABLE TO

“Cleveland Heights – University Heights Board of Education” TO:
CH-UH BOARD OF EDUCATION
C/O BECKY QUINN
2155 MIRAMAR BLVD.
UNIVERSITY HEIGHTS, OH 44118

C.H. – U.H. Summer STRETCH Permission Slip

My child, _____, has my permission to attend the off-campus trip(s) associated with course(s) for which he/she has registered during the week(s) of July 27, 2009 – August 7, 2009. He/she must bring a bag lunch each day and refrigeration may not be available. I realize that he/she will be traveling off school grounds via CH-UH school bus to and from Cleveland Heights High School to each institution. A schedule for the course(s) individual trip(s) will be shared in June, highlighting the institutions to be visited and estimated pick-up/drop-off times, etc.

In case of emergency on this trip, please contact:

1st) _____
(First Name Last Name) (Relationship to Student)

(1st Phone Number) (2nd Phone Number)

2nd) _____
(First Name Last Name) (Relationship to Student)

(1st Phone Number) (2nd Phone Number)

Any medical concerns (ie. allergies, medical conditions, etc.) we should be aware of:

(parent/guardian signature)

(date)

PLEASE RETURN THIS SLIP WITH REGISTRATION MATERIALS.
THIS FORM **MUST BE COMPLETED AND SUBMITTED** TO
ATTEND TRIPS SCHEDULED DURING THE WEEK(S) OF
JULY 27th – AUGUST 7TH.