



## *Science News...*

### **STICK-r**

Science Tutoring In the Classroom program is designed to help students with concept attainment to improve their meta-cognitive skills, reasoning skills and analytical abilities. This program will be facilitated by Mrs. Kamla Reid and recent graduate of the University of Toronto Louise Ng (also a former MMHS science student. Ask a Science Teacher for details.

### **FIELD TRIPS**

December 03, 2008 – INTERNAL SYSTEMS - Gr. 11 University Level Biology Lecture and Lab on the ELEVEN organ systems in the human body – CONCEPT: HOMEOSTASIS Facilitated by The Ontario Science Centre Teaching School and overseen by Mr. Chris Leung and Ms. Jenny Ho.

December 18 – DNA Forensics Lab – Gr. 12 University Level Biology; Students will harvest their DNA from the cells in their hair sheaths, extract their DNA and run on a polyacrylamide gel to determine allelic frequencies in a non-coding section of DNA and then estimate the frequency of this allele in human populations. Facilitated by the FORENSIC TEACHING LABS at The Ontario Science Centre Teaching School – teacher: Mrs. K. Reid

### **SCIENCE OLYMPIAD – October 2009**

Gr. 11 and 12 students participated in the YORK UNIVERSITY OLYMPIAD. The team spirit was commended. Teachers : Ms. Jenny Ho and Mr. Marcel Vigneault.

## *News From Guidance*

- \* Wednesday, October 28th Milliken Mills hosted 29 Universities and Colleges from around the Province. Hundreds of parents and students had the opportunity to speak with representatives from these schools. We will be holding workshops for grade 12 students to assist you with university and college applications. Listen for announcements!
- \* On November 4th our grade 9 students participated in National Take Our Kids to Work Day. Thank you to all parents and students who participated in this day. Also on this day, we hosted the grade 8 students who will be attending Milliken Mills in September 2010. Students received a specialized timetable for the day where they were able to experience a day in the life of a grade 9 student. This event helps to build a smooth transition to their grade 9 year.
- \* NEED A TUTOR? If you are having difficulty with one of your courses, please feel free to speak with a guidance counsellor. We can recommend a student tutor who would be willing to volunteer his/her time to assist you with your classes.
- \* If you are looking for ways to fulfill your community hours requirement, please check the Volunteers Binder in the guidance office. We have information from several community agencies that need your help! Grade 12 students should strive to complete their 40 hours by the end of Semester One.
- \* Interested in applying for a scholarship? Please check the Guidance link on the Milliken Mills website for a list of scholarships that may be right for you.

## *From The Family Studies*

On Wednesday November 4th, 2009 the grade 8 students visited Milliken Mills High School and Mrs. Lauren Bloom conducted a very exciting and interactive chocolate making session. The students were really thrilled at this unique experience. On Friday November 6th, 2009 students from grades 10 through 12 went to the Royal Winter Fair to explore and learn about the new food technology being introduced into the culinary world.

**EXTRA-CURRICULAR OPPORTUNITY:** Family Studies has introduced a new club this year... The Fashion Club! This year the club is being lead by two dynamic and passionate students, Kirthiga Rajanayagam and Anisha Grewal. They plan on having two fashion shows, one in December as part of the talent show and one at the end of the year in collaboration with the grade twelve fashion course. Students will be designing and making their own garments to showcase in the show. We can't wait to see their final garments! Way to go girls!

## *Math Department*

The Math Department would like to remind parents that the dates for the EQAO testing for first semester are January 18th and 19th. Grade 9 students who wish to prepare for the EQAO can visit [www.eqao.com](http://www.eqao.com) to view past test questions and their solutions. Also, the University of Waterloo Canadian Open Mathematics Challenge will take place on November 15, 2009 during periods 1 and 2. Other upcoming math contests are the Pascal, Cayley and Fermat Contests for the grade 9-11s, which will be written on February 25, 2010. We will be registering students for these contests in December.

Lastly, the Math Department would like to warmly welcome Ms Stewart to Milliken. She has been a great addition to the department!

## *Community – Based Education Department*

Once again a new school year has begun and our co-op students are out earning credits in a variety of work placements. New placements for this semester are A. Toscano Consultants Ltd., Kennedy Care Pain Care Clinic, Advanced Automotive, Plaston Architecture Ltd., HBH Electrical. Many of our long term partners in the community continue to support the program. We thank all of them for their participation. The OYAP (Ontario Youth Apprenticeship Program) coordinators at the board level have created more opportunities for second semester again this year. Students in grade 12 who will be graduating this year can once again take a 4 credit co-op package and also earn their Level One in several trades at no cost by attending Community College for 8 weeks during the second semester. If your organization would like to assist us in helping students get valuable on the job experience please contact Miss Robin Mitchell or Ms. Kelly Leblanc at 905-477-0072 ext. 123

## *Drama Department*

This year, the Senior Drama students will be presenting "Twilight at Milliken" on Tuesday, December 1st and Wednesday, December 2nd at 7p.m. in the cafetorium. "Twilight at Milliken" tells the story of a vampire invasion at Milliken Mills High School. Don't miss this outrageous musical comedy. Tickets go on sale in November.