



KALAMAZOO AREA MATHEMATICS AND SCIENCE CENTER
Keeping KAMSC Families Informed

A Special Thank You!

The KAMSC staff says **THANK YOU TO ALL PARENTS** who volunteered their time to help with the mailing and the 2011 Entrance Exam on Saturday, January 8.

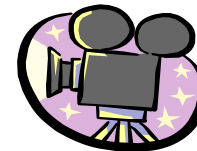
We couldn't do it without you!!!

Annual Alumni Reunion

On December 17, approximately 100 KAMSC alumni returned to the KAMSC. Many of the alumni, representing colleges and universities from coast-to-coast, served on panels in the early afternoon. The panelists spoke of their college experiences and answered questions from current KAMSC juniors and seniors. The alumni then had time to socialize, visit with teachers and munch on snacks that were generously provided by KAMSC parents. This is an annual event that benefits everyone.

Oh, come on . . . not another SciFi film festival!

Much to the delight of movie buffs (and the consternation of those who enjoy good movies), the 9th Annual KAMSC Science Fiction Film Festival will take place beginning Friday evening, March 18th through Saturday afternoon, March 19th, 2011. Once again the Center will host our very own presentation of 10 classic – actually, not so classic . . . in fact, down right bad – science fiction movies. All students currently enrolled at the Center are cordially invited to attend, and alumni are always welcome. This will be a “sleepover” event, much like a Lock-In, and students will have the opportunity to watch a variety of incredibly horrid science fiction movies. Selected students will provide (a la' *Mystery Science Theater 3000*) expert commentary throughout each screening. And, of course, we always need parent chaperones to help out during this unique 20+ hour-long marathon of movie madness. For more information or to volunteer to help out during the Festival, please call Mike Sinclair at 337-0023 or email him at msinclair@kamsc.k12.mi.us. See you at the movies!



Parents

Students who drive are **REQUIRED** to register their vehicle with the KAMSC office and be issued a KAMSC parking sticker. KAMSC students with cars not displaying a KAMSC parking sticker may be towed. Please remind your student to park in the student parking area, which is the north end of the lot (North of Dutton Street, and along Pearl Street). Registration forms are available in the office. If you have any questions, please contact the office at 337-0004.

Special Interest Articles:

- * Investment Opportunity
- * Qualifiers for Part II of MMPC
- * Northwestern University –Center For Talent Development
- * Sizzlin' Summer Science '11

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KAMSC Research Team

KAMSC Biology, Chemistry, Physics, AP Physics, AP Biology, Microbiology and Biomedical Science classes are actively engaged in designing their research projects. The KAMSC RESEARCH team has been working on their research projects since the beginning of school. Some topics of research include:

The Effects of Strain Rate and Screw Angle on Surgical Plate Strength
 The Elucidation of the Genetic Pathway on Myo-Inositol Catabolism on *Sinorhizobium Meliloti*
 The Effects of Organic Dyes on the Efficiency of Dye-Sensitized Solar Cells
 Atopic Dermatitis and the Secretion of Inflammatory Mediators by Canine Keratinocytes when Exposed to Common Dog Allergens
 The Effect of Tetadynamy on Male Fitness in *Raphanus Raphanistrum*
 And many more

Come see these fascinating student research projects at the annual Southwest Michigan Science and Engineering Fair to be held at Western Michigan University College of Engineering and Applied Sciences on March 19, 2011. For more information contact Dr. John Goudie, Fair Director at 337-0026.

Looking for an excellent investment?

Help a student develop a math/science interest!!!

The KAMSC Sizzlin' Summer Science and Math Program is looking for businesses, organizations or individuals to help make our classes available to kids who can't afford to pay. Financial assistance is given to students who meet school lunch need criteria, and can be supported in increments of \$25 or by specifying a seat in a specific class.

If you or your organization would like to help out, please contact Susan Fisher at 337-0031 or e-mail her at sfisher@kamsc.k12.mi.us.

THANK YOU!!!



Student Senate Activities

The KAMSC Student Senate would like to thank all the wonderful parent chaperones who helped out at the Class Clash in the fall. The Class Clash is a great event that gives students from all classes the chance to meet and spend time with each other, and it also helps students bond with their classmates as they work together to compete against the other classes.

The Student Senate would also like to thank everyone who donated to the annual holiday food drive this past winter, as well as the staff for being so supportive and helping to make this event possible. Because of the drive, the KAMSC donated 1220 pounds of cans/boxes of nonperishable food items to Loaves & Fishes!

The annual KAMSC semi-formal dance will take place on Saturday, February 19, 2011 from 8-11 pm at the gym on the 2nd floor. The theme of the dance is Neon, and we hope all KAMSC students will join us for a bright night of fun!

Student Senate President and Vice President,
 Alex and Tracy

**KEEPING
 KAMSC
 FAMILIES
 INFORMED**

PHONE:
 269-337-0004

FAX:
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WEB ADDRESS
 WWW.
 KAMSCONLINE.COM

Technology Highlights

Congratulations are already in order for several students on the KAMSC 2010-11 computer teams. Among their accomplishments so far:

For the 2nd straight year the KAMSC swept the top 4 spots at the 2nd annual Eastern Michigan University-Michigan Association of Computer Users in Learning High School Programming Contest. The KAMSC placed 8 teams in the top 9. **Dustin Rowland, Ben VanderSloot, and Stuart Wheaton** placed 1st, **Mallory Busso, Patrick Smith, Calvin Studebaker** 2nd, **Syed Husain, Tibin John, and Jacob Texel** 3rd, **Derek Krinock, Maddy Price, Matthew Weaver** 4th, **Sujay Dewan, Abhay Goel, Daniel Woodworth** 6th, **Annalin Davis, Daniel Houtrouw, Ben Wang** 7th, **Andy King, Paige Maguire, Jake Sebers** 8th, **Tyler Dougherty, Ravi Kothari, Fatima Mirza** 9th. Others included **Riley Claflin, David Eckrich, Mary Farner, Brennan Kerkstra, Abhiram Krishnan, Riley Lundquist, Sarah Manski, Gautam Rajagopal, Will Sawyer, Grady Sertic, Kyle Sunden, Raoul Wadhwa, Laura Wheeler, Allyson Williams and James Wright**.

After two monthly rounds of Internet competition **Stuart Wheaton**, leads fellow Silver Olympians **Syed Husain, Ben VanderSloot, Dustin Rowland, Jacob Texel, Jake Seibers, Tibin John, Ben Wang and Daniel Woodworth** in the Computing Olympiad (USACO) Internet Elite Competition. **Mallory Busso** currently leads all Bronze Elite competitors where the KAMSC has more than 40 participants.

Our American Computer Science League(ASCL) teams are off to a commanding lead with perfect scores after one of four monthly rounds. Kudos to the following students who received perfect *individual* scores:

Programmers: **Caitlin Braun, Mallory Busso, Annalin Davis, Tyler Dougherty, Syed Husain, Tibin John, Brennan Kerkstra, Andy King, Ravi Kothari, Derek Krinock, Riley Lundquist, Paige Maguire, Sarah Manski, Fatima Mirza, Maddy Price, Gautam Rajagopal, Dustin Rowland, Will Sawyer, Grady Sertic, Jake Seibers, Patrick Smith, Calvin Studebaker, Kyle Sunden, Jacob Texel, Ben VanderSloot, Matthew Weaver, Stuart Wheaton, Laura Wheeler, Kelsey Wiers and Allyson Williams**.

Classroom Team: **Devin Dereski, Katie Balaguer, Brice Calco, Emily Campbell, Quinton Colwell, Sujay Dewan, Gagan Gupta, Anna He, Andrew Labadie, Katie Lee, Amanda Luykx, Isabel McMullen, Zach Meyers, Tevin Monroe, Cooper Quartermaine, Sam Sly, Ari Solomon, Andrew Texel and Raoul Wadhwa**.

Coming Events

Saginaw Valley State U. will host their annual Association of Computing Machinery (ACM) High School Programming Contest Friday, **March 4th**. This trip is usually open to any KAMSC student who would like to join our programming teams.

U. of Michigan-Dearborn will host the 6th annual Engineering and Computer Science Experience for high school students where at least 24 KAMSC juniors and seniors will compete in separate programming and engineering contests on Saturday, **March 26**.

Evansville U.-Indiana ACM HS Contest Saturday, **April 9**

Miami U.-Oxford, Ohio ACM HS Contest Saturday, **April 23**. Open to all interested KAMSC programmers.

ACSL All-Star International Invitational will be hosted near Yale University in New Haven, CT at New Haven High School on Saturday, **May 28**. Ten KAMSC junior and seniors will qualify this year.

Parent drivers are needed for all events.



School Closings

Full Day Closing: Severe weather often brings school closings and early dismissals. If Kalamazoo Public Schools close due to bad weather, the KAMSC will be closed. Full-day closing procedures start with an announcement at approximately 6:00 am on local broadcasting stations that list school districts that have been closed. The following stations broadcast Kalamazoo Public School closings:

Radio Stations

WFAT	96.5	FM		
WKFR	103.3	FM		
WKMI			1360	AM
WKPR			1420	AM
WKZO			590	AM
WMUK	102.1	FM		
WNWN	98.5	FM	1560	AM
WQLR	106.5	FM		
WQSN			1470	AM
WQXC	100.9	FM	980	AM
WRKR	107.7	FM		

Television Stations

WOOD-TV	Channel 8
WOTV-TV	Channel 41
WWMT-TV	Channel 3
WZZM-TV	Channel 13

KAMSC Open Lab Nights

If Wednesday night lab is canceled, an announcement will be made on the listed broadcasting stations as early as possible.

The following stations will be notified by the KAMSC – **WWMT-TV Channel 3**
WKZO – 590 AM
WQLR – 106.5 FM

Early School Closings: If it becomes necessary to close school after the day has begun, Kalamazoo Public Schools transportation will utilize a staggered dismissal schedule. The early school closing time for the KAMSC is 1:05 pm. An announcement will be made on the above listed broadcasting stations if there is an early dismissal **and** if there is any exception to this preset time.

Home School Early Closings. The home school transportation department notifies the KAMSC and estimates the time transportation will arrive at the KAMSC to pick up their students. Calls from a source other than a school's transportation department will be verified before students are released.

Qualifiers for Part II of the 52nd Annual MMPC

Congratulations to the following KAMSC students who qualified to participate in Part II of the 52nd Annual Michigan Mathematics Prize Competition.

Jonathon Brelje	Abhiram Krishnan	Philip Mulder	Ben VanderSloot
Chad Bilicke	Keenan Lee	Grady Sertic	Steven Vorbrich
Abhay Goel	Alex Lim	Sujay Dewan	Matthew Weaver
Lucas Hamelink	Scott Manski	Kyle Sunden	Daniel Woodworth
Tibin John	Helena Mills	Jacob Texel	

Part II took place at the KAMSC in the Presentation Center from 8-10 am Wednesday, December 1, 2010.

2011 Tentative Rolling Calendar – 2nd Semester

2/8	Tues		AMC 10/12
2/9	Wed	6-7:30 pm	OPEN LAB
2/16	Wed	6-7:30 pm	OPEN LAB
2/23	Wed	6-7:30 pm	OPEN LAB
2/25-2/28	Fri/Mon		Mid Winter Break – NO STUDENTS
3/1	Tues		Juniors - ACT/MME
3/2	Wed	6-7:30 pm	OPEN LAB
3/9	Wed	6-7:30 pm	OPEN LAB
3/15-3/17		am/pm	Exams
3/18-3/19	Fri/Sat	7:00 p.m.	Science Fiction Film Festival
3/22	Tues	am	AIME
3/23	Wed	6/7:30 pm	OPEN LAB
3/25	Fri	7am & pm	No STUDENTS – End of the Marking Period
3/25			Annual KAMSC Regional ISEF Science Fair
3/29	Tues	am	ACS/Research
3/29	Tues	5:30-8:30 pm	Parent/Teacher Conferences
3/30	Wed	11:30-2:30 pm	Parent/Teacher Conferences
			KAMSC Students AM only
			NO OPEN LAB
3/31	Thurs	7:30-10:30 am	Parent/Teacher Conferences
			NO KAMSC Students
4/1	Fri	am/pm	KAMSC CLOSED
4/4-4/8	Mon-Fri		SPRING BREAK – NO SCHOOL
4/13	Wed	6-7:30 pm	OPEN LAB
4/20	Wed	6-7:30 pm	OPEN LAB
4/27	Wed	6-7:30 pm	OPEN LAB
4/29	Fri	pm	Senior/Staff Luncheon
			JUNIORS-NO SCHOOL
5/3-5/5	Tues-Thurs	am	8 th Grade Visitation Week
5/4	Wed	6-7:30 pm	OPEN LAB
5/6	Fri		Searching for Health Conference
5/11	Wed	6-7:30 pm	PROJECT DROP OFF
5/12	Thurs	3–6:30 pm	Project Day
		7:00 pm	Awards Ceremony
5/18	Wed	6-7:30 pm	LAST OPEN LAB
5/22	Sat		ACSL Invitational Team Contest
5/23-5/25	Mon-Wed	pm	Senior Exams
5/26	Thurs		Last Day for Seniors
5/27	Fri	pm	Project K – Juniors only
5/30	Mon		Memorial Day – SCHOOL CLOSED
5/31	Tues	7:00 pm	Recognition Ceremony
6/3	Fri	pm	Elective Exam
6/6	Mon	pm	Math Exam
		pm	Math Exam
6/7	Tues	pm	Science Exam
		pm	Science Exam
6/7			Last Day of School

**KEEPING
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WEB ADDRESS
WWW.
KAMSCONLINE.COM

Sizzlin' Summer Science 2011 Update

Brochures for the KAMSC Sizzlin' Summer Science 2011 Program will be available in March through the schools. If you're not already on the mailing list, families can get one sooner by e-mailing their postal address to sfisher@kamsc.k12.mi.us.

Bring in your Artwork

All KAMSC students are cordially invited to submit their personal works of art for display in the halls of the Center. We accept photography, painting, pen-and-ink, collage and anything that demonstrates your creativity. We would like to see your art hanging in our halls! For more information or to arrange a showing, please see Mr. Sinclair in the Physics Room (430) anytime.

KAMSC Public Calendar

Check the KAMSC calendar for upcoming events and days we are not in session. Go to the KAMSC website (www.kamsconline.com), at the bottom of the page click on 'links' and then choose KAMSC Public Calendar.

Attention Pi(e) Lovers

The KAMSC 4th Annual Pi Day Celebration will be held on Saturday, March 12, 2011, from 12:00 – 2:00 pm. There will be math activities for elementary age children and a pie auction. Local chefs and celebrities donate pies.

Parent E-mail List

If you would like to be added to the KAMSC Parent E-mail List, please have your student update their profile with accurate contact data for you – to include your correct e-mail address. Please use that address to email your name and student name to admin@kamsc.k12.mi.us.

Reminder

Students may leave backpacks in front of lockers and shelves only. Please do not block doorways, elevator, fire boxes, etc.

Center for Talent Development – Northwestern University

Center for Talent Development's 2011 Summer Programs for students in Pre-K through grade 12 are available at Northwestern University in Evanston, Illinois. Our Civic Leadership Institute for high school students, an innovative service-learning curriculum focused on civic engagement and contemporary social issues, is housed at the University of Illinois at Chicago. Our Leapfrog program, for students completing Pre-K through grade 3, is available in Glen Ellyn, Palatine and, new this year, in Skokie at Solomon Schechter Day School and in Chicago Proper at The Frances Xavier Warde School. We expanded the all-day Leapfrog options-courses will now be offered in Skokie, Glen Ellyn and Palatine. Other notable changes in 2011 include two-week enrichment courses for both Apogee and Spectrum students. Our Summer Program students come from more than 40 countries and almost every one of the 50 states. In an effort to increase our diversity even further, we offer financial aid.

Last year more than 3,300 students participated in the Center for Talent Development's Summer Program. We would appreciate it greatly if you would share this information with young people who might be interested.

If you have any questions or need additional information, please e-mail us directly at summer@ctd.northwestern.edu, call us at 847-491-3782, extension 2, or visit our website at www.ctd.northwestern.edu/summer.