Illuminating and nurturing creative, ethical scientific minds that advance the human condition

Students: Are You Ready?

Do you like to solve mysteries and puzzles?
Do you like to ask questions and find answers?
Do you like to build things or take them apart?

Congratulations...

IMSA student programs are for you!

Parents of IMSA Student Program Participants

Science, technology, engineering and mathematics (STEM) contribute to healthy, productive and rewarding lives for you and your children. These are the disciplines that address infectious disease, organ and tissue replacement, nutrition, world food supplies, renewable energy, the safe transformation of hazardous contaminants, affordable building structures, more efficient transportation, communications and computing systems, and so much more!

In the 21st century, many new and emerging career opportunities will be in STEM fields such as genomics, proteomics, bioinformatics, chemical informatics, green technology, nanotechnology and data warehousing and mining. How do you get your children ready for STEM careers in a global society? How can you prepare your children for advanced college preparatory courses in physics, biology, chemistry and calculus?

The first step is to get your child involved at a young age in mathematics and science experiences that are grounded in communications and computing systems, and so much more!

For our society to remain competitive in an advanced technological era, a good science education is critical, regardless of what a child’s eventual course of study will be. The good news is that for most children, science continues to be a source of fascination, and parents can play an active role in tapping into that curiosity and contributing to their success.

The internationally recognized Illinois Mathematics and Science Academy* (IMSA) develops creative, ethical leaders in science, technology, engineering and mathematics. As a teaching and learning laboratory awarded by the State of Illinois, IMSA enrolls academically talented Illinois students (grades 9-12) in its advanced, residential college preparatory program, and a network of thousands of educators and students in Illinois and beyond through innovative instructional programs that foster imagination and inquiry. IMSA also advances education through research, groundbreaking ventures and strategic partnerships. (www.imsa.edu)

www.imsa.edu/studentprograms

Go To:
• www.imsa.edu/studentprograms

IMSA Student Enrichment Programs

630-907-3950

IMSA Three-Year Residential College Preparatory Program and PROMISE at 630-907-3028 or 800-500-IMSA

IMSA's Student Programs Are MINDS-ON:

Be the scientist! Ask questions, gather facts, examine data and make conclusions! Why do explosions produce loud noises? Why do buildings fall during earthquakes? What happens when we run out of phone numbers? Why do some people get sick from cold and flu and others don't? Are environmental factors producing mutated frogs?

Be part of IMSA's student programs that get you on the fast track to real programs in the hot subjects of science, technology, engineering and mathematics (STEM).

For our society to remain competitive in an advanced technological era, a good science education is critical, regardless of what a child’s eventual course of study will be. The good news is that for most children, science continues to be a source of fascination, and parents can play an active role in tapping into that curiosity and contributing to their success.

The American Association for the Advancement of Science

IMSA is an academic laboratory created by the State of Illinois, 3,000, 06/09, P.O. #9425

© 2009 Illinois Mathematics and Science Academy* www.imsa.edu
Kids Institute (KI) provides weekend STEM programs that are fast-paced, hands-on and integrative. All KI programs are designed and delivered by IMSA students who serve as teachers and mentors to inspire younger students and ignite their interests in science, technology and mathematics.

Summer@IMSA provides a wide array of day and residential learning explorations in science, mathematics and technology for students in grades 3-9. Integrative and hands-on, IMSA’s summer programs enable Illinois students to discover the wonders of learning as they apply mathematics and science to build rockets, investigate simulated crimes, confront local environmental issues, diagnose diseases and much more! All summer programs use a collaborative inquiry model, giving participants a “one of a kind” learning experience.

PROMISE – Middle School enables talented underrepresented and economically disadvantaged students in grades 6 to “get in high gear” for an intensive two-week residential opportunity that stimulates interest in and develops skills in mathematics, science and English. Through innovative group inquiry and problem-solving activities, the program promotes interdisciplinary and academic growth.

PROMISE – High School enables talented underrepresented and economically disadvantaged students in grade 9 to become part of an action-packed Saturday enrichment program that integrates mathematics, science and English in discovery-based and collaborative research activities. Students also accelerate their dreams for a bright future by preparing for the Scholastic Assessment Test (SAT), an important component of the application process to IMSA’s four-year, residential college preparatory program and to colleges and universities.

Three-Year Residential College Preparatory Program enables academically talented Illinois students in grades 10-12 to reach extraordinary levels of achievement. IMSA’s highly accomplished faculty and innovative student inquiry and research programs enable students to earn awards from national and global competitions. Personalized learning opportunities, coupled with a world-class, advanced college prep curriculum in mathematics, science, the humanities, English, arts and music, makes the IMSA college prep experience truly unique. Student activities include 18 interscholastic sports, co-curricular activities, and numerous student club and organizations. With a 99% college placement rate in the nation’s most competitive colleges and universities, an IMSA college prep experience is an exceptional investment in a child’s future.

CyberQuiz 4Kids rocks and shocks with monthly online mathematics and science brainteasers and word problems for Illinois students in grades 6-9. Students who submit correct answers become eligible for random prize drawings. Go to IMSA’s home page (www.imsa.edu) to take the CyberQuiz challenge!