

2010 Illinois Mathematics and  
Science Academy®



**Accepting Applications  
January 31st, 2010**

*Check out our expanded day  
and residential offerings in  
Aurora, Carbondale, Lake County,  
Springfield, Rockford, Edwardsville,  
and Belleville.*

**See inside for a complete  
list of programs.**



Science, mathematics, and technology take center stage in the 2010 Summer@IMSA program line up. Many of your favorites are returning, like Summer Sleuths, Science Explorers and Energy@IMSA. Included for the first time is Let's do Launch for 7th and 8th graders at Southern Illinois University-Edwardsville, and Tracking Killer Storms for 6th through 8th graders in Belleville.

**WHERE are Summer@IMSA programs?**

Our programs are in eight communities around the state of Illinois this summer. This year we are excited to announce three NEW locations for Summer@IMSA Programs ~ Rockford, Chicago and Belleville as well as last year's locations: Aurora, Springfield, Carbondale, Lake County, and Edwardsville.

**WHO should come to Summer@IMSA programs?**

These programs are for ALL students, grades 3-10, who have a passion for math and science.

**WHAT kind of programs does IMSA offer?**

We offer a range of day and residential programs in math, science and technology.

**HOW can I get more information?**

To learn more about Summer@IMSA 2010 and program enrollment availability, visit us online at: [www.imsa.edu](http://www.imsa.edu).

**DOES Summer@IMSA offer scholarships? YES!**

We offer financial need-based scholarships for students in all programs. To apply, visit us online at [www.imsa.edu](http://www.imsa.edu) or call 630-907-5950.

**Does IMSA offer programs during the school year?**

Go to [www.imsa.edu](http://www.imsa.edu) and click on "Illinois Teachers and Students" to learn more.

**Financial Scholarships**

Need-based scholarships are available to students. For more information about scholarships visit our website at [www.imsa.edu/programs/summeratimsa](http://www.imsa.edu/programs/summeratimsa), call 630-907-5950 or email [summerprograms@imsa.edu](mailto:summerprograms@imsa.edu)



# Day Programs

Grade Level Fall 2010	Program Title	Program Location	Program Dates
3rd-4th	Science Explorers, Jr.	Aurora	June 14-18 OR June 21-25
3rd-4th	Science Explorers, Jr.	Carbondale	June 28-July 2
3rd-4th	Science Explorers, Jr.	Springfield	August 2-6
5th-6th	Kidsplorations in Technology	Aurora	June 14-18 OR June 21-25
5th-6th	Science Explorers	Carbondale	June 28-July 2
5th-6th	Science Explorers	Aurora	July 12-16
5th-6th	Science Explorers	Lake County	July 19-23
5th-6th	Science Explorers	Chicago	July 19-23
5th-6th	Kidsplorations in Technology	Springfield	August 2-6
6th-9th	Summer Sleuths	Aurora	July 19-22
6th-9th	Summer Sleuths	Carbondale	June 28-July 1
6th-9th	Summer Sleuths	Rockford	August 9-12
6th-7th	Tracking Killer Storms	Aurora	July 26-30
6th-8th	Tracking Killer Storms	Belleville	August 2-6
7th-8th	Tracking Killer Storms	Aurora	July 19-23

Day programs include: snack, lunch, t-shirt, and supplies for all programs.

# Residential Programs

Grade Level Fall 2010	Program Title	Program Location	Program Dates
7th-8th	Let's Do Launch	Edwardsville	July 11-16
8th-9th	Science@IMSA for Boys	Aurora	July 25-30
8th-9th	Science@IMSA for Girls	Aurora	July 11-16
8th-9th	Math@IMSA	Aurora	July 18-23
9th	PROMISE Middle School	Aurora	June 19- July 1
9th	Extreme Science & Math@IMSA	Aurora	July 25-30
9th-10th	Energy@IMSA	Aurora	July 18-23
9th-10th	Energy@IMSA	Edwardsville	July 11-16

Residential programs include: accommodations & meals, t-shirt, and supplies for all programs.

**Science Explorers, Jr. – Aurora & Springfield**

During this year's Science Explorers, Jr., inquiring young scientists will explore the science behind music, learn how spies do those fancy tricks you see in movies, investigate how buildings stand so tall, discover why things go boom, and play with some of the fun science aspects of movies. There's a different topic every day! This hands-on program is developed and taught by IMSA high school students with the help of IMSA staff. This year's Jr. topics are music, architecture, movies, spies, and things that go boom.

**Science Explorers, Jr. – Carbondale**

During this year's Science Explorers, Jr., inquiring young scientists will explore unusual science careers, dig through past civilizations and examine fossilized remains, investigate natural disasters, work to solve environmental issues, and play with color in chemistry, biology, and physics. There's a different topic for every day! This hands-on program is developed and taught by IMSA high school students with the help of IMSA staff. This year's Jr. topics are Natural Disasters and Weather, Oddball Scientist Jobs, Archeology and Paleontology, Color, and the Environment.

Grades 3 & 4 in Fall 2010

Time: 8:30 a.m.- 3:00 p.m.

Cost: \$250

**Aurora – IMSA**

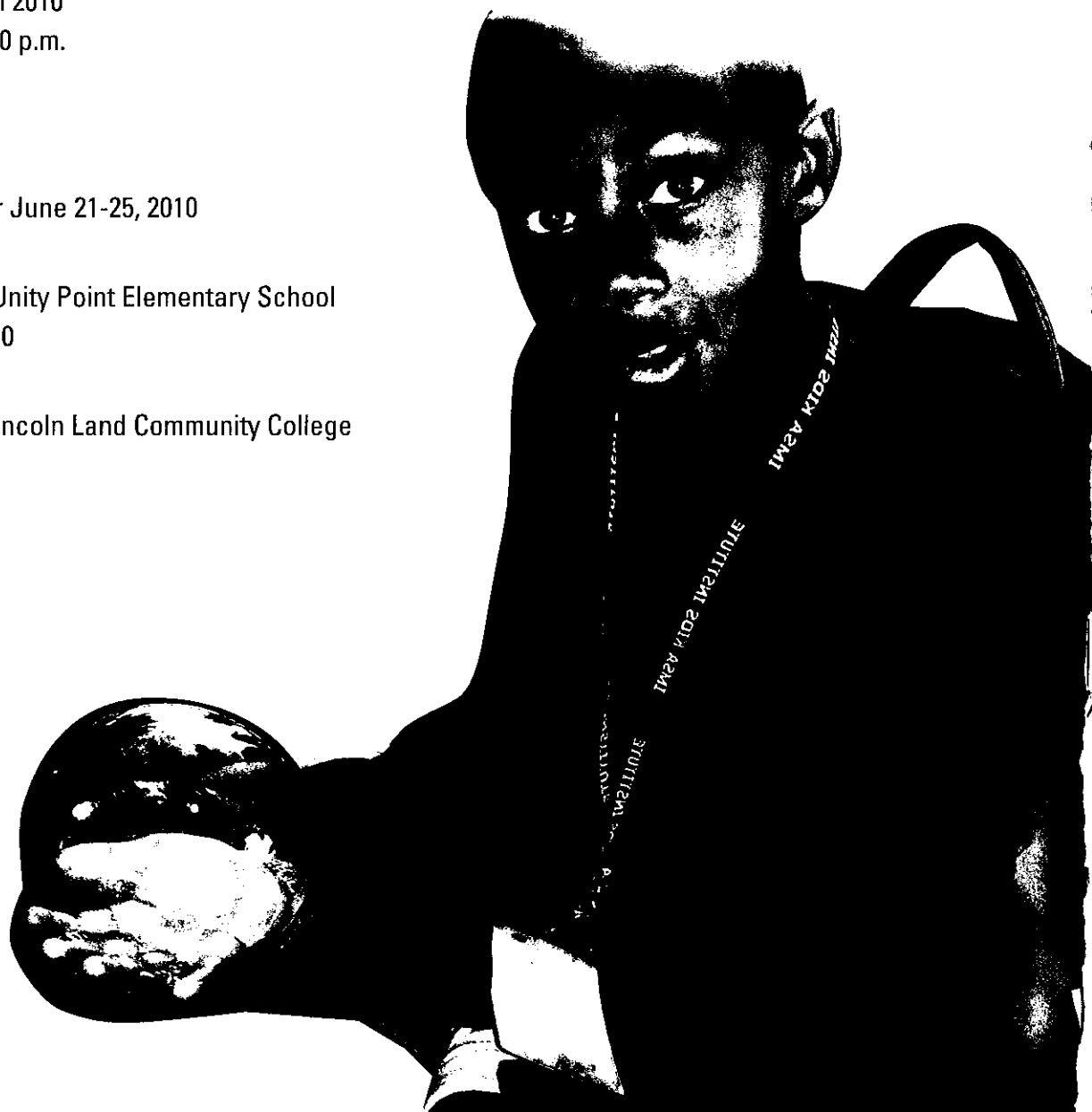
June 14-18, 2010 or June 21-25, 2010

**Carbondale – Unity Point Elementary School**

June 28-July 2, 2010

**Springfield – Lincoln Land Community College**

August 2-6, 2010



**Science Explorers – Aurora, Lake County & Chicago**

Science Explorers, we need your help! In this year's program, students will thoroughly examine scientific evidence used to solve crimes. Through inquiry-based, hands-on experiences, students will navigate through used piles of evidence to determine what is relevant to solving a crime and then discover the tools to analyze the clues. This program combines biology, chemistry, technology, physics, math, and the power of observation.

**Science Explorers – Carbondale**

Science Explorers is ever evolving! In this year's program, students will thoroughly examine the scientific evidence for evolution. Through inquiry-based, hands-on experiences, students will navigate through the history of man, explore adaptations, and hypothesize about past plants and animals. This program combines biology, ecology, paleontology, and other "-ologies."

Grades 5 & 6 in Fall 2010

Time: 8:30 a.m.-3:00 p.m.

Cost: \$250

**Carbondale** – Unity Point Elementary School  
June 28-July 2, 2010

**Lake County** – Rondout School, Lake Forest  
July 19-23, 2010

**Aurora** – IMSA  
July 12-16, 2010

**Chicago** – Location To Be Determined  
July 19-23, 2010

**Kidsplorations in Technology**

Kidsplorations goes to the movies! During this year's Kidsplorations in Technology program, students will have the opportunity to discover what goes into making movies. From learning about video editing to adding 3-D graphics and cartoons, students will discover the many aspects of creating film and video games. Students will have the opportunity to create their own film world by building miniature cities both on and off camera.

Grades 5 & 6 in Fall 2010

Time: 8:30 a.m.-3:00 p.m.

Cost: \$250

**Aurora** – IMSA  
June 14-18, 2010 or June 21-25, 2010

**Springfield** – Lincoln Land Community College  
August 2-6, 2010



**NEW!** Tracking Killer Storms

Join the chase as we track down tornadoes and hurricanes! Learn how to use weather instruments to collect temperature, pressure, humidity, and wind data. Analyze collected data to produce a forecast. Students will study severe weather events from the past to examine the impact of tornadoes and hurricanes on human activity, and will follow the evolution of the art and science of forecasting.

Time: 8:30 a.m.-3:00 p.m.

Cost: \$275.00

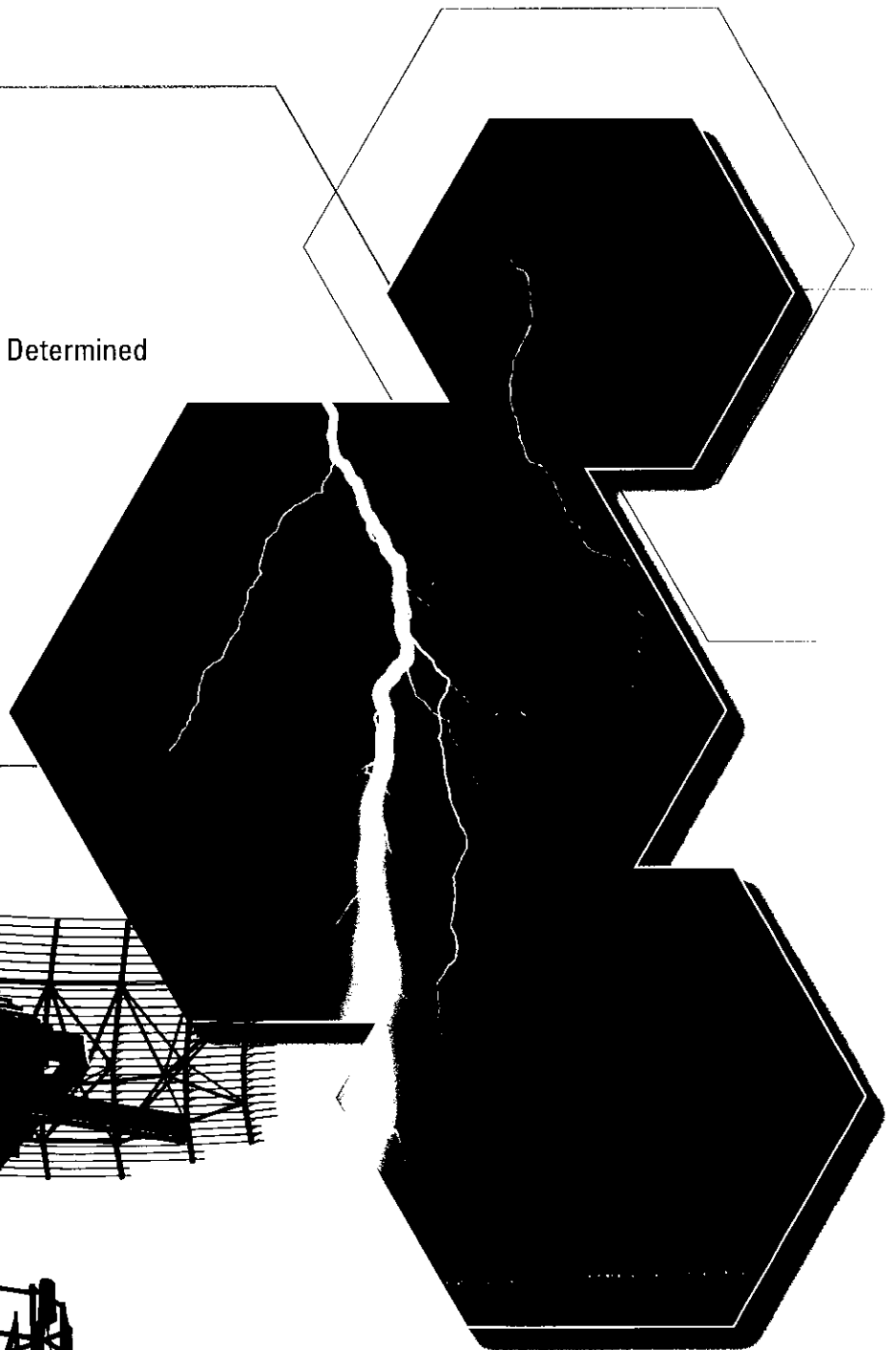
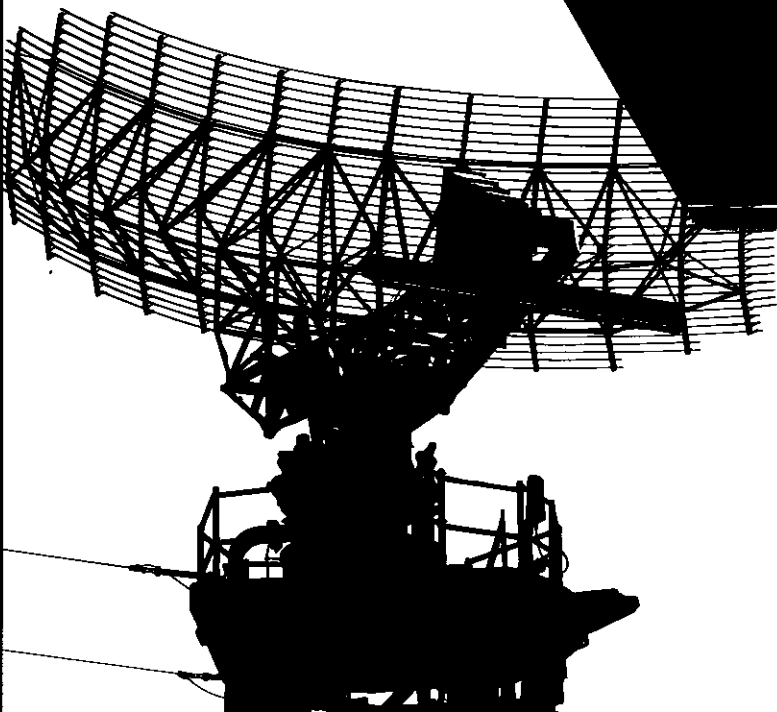
**Aurora – IMSA**

Grades 6 & 7 in Fall 2010,  
July 26-30, 2010

Grades 7 & 8 in Fall 2010,  
July 19-23, 2010

**Belleville**- Location: To Be Determined

Grades: 6, 7, & 8 in Fall 2010  
August 2-6, 2010



## NEW! ONLINE REGISTRATION FOR SUMMER@IMSA or PROMISE

## MAIL or FAX REGISTRATION FOR SUMMER@IMSA ONLY

For Promise program please go to [www.imsa.edu](http://www.imsa.edu)  
or call 630-907-5028

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|---|---|
| <ol style="list-style-type: none"> <li>1. Go to <a href="http://www.imsa.edu">www.imsa.edu</a> and click on summer @ imsa</li> <li>2. Click on the REGISTER ONLINE link</li> <li>3. Complete the online registration form, and check-out using a credit card or electronic check.<br/>*Note: Payments made by electronic check take 6 business days to process.</li> <li>4. Look for your confirmation e-mail with further instructions for additional required forms.</li> <li>5. Obtain a Teacher Recommendation (form attached to this brochure). A teacher recommendation <b>MUST</b> be completed to be accepted to any program. This form may be returned by the teacher, or by you.</li> <li>6. Submit the required student participation forms and student personal statements (when applicable) by May 28, 2010 (mail or fax). Forms are available at <a href="http://imsa.edu">imsa.edu</a> and click on summer @ imsa</li> <li>7. A detailed program letter containing specific camp details will be mailed two weeks prior to the beginning of the program.</li> <li>8. All applications (with exception of PROMISE applications) are due Friday, May 28, 2010. Applications received after that date should include a \$25.00 late fee.</li> </ol> | <ol style="list-style-type: none"> <li>1. Complete the Application Form: Complete a separate application form for each child (photocopies are acceptable).<br/><br/>Accepted forms of payment:<br/>Checks (payable to IMSA)<br/>Credit cards (Visa/Mastercard)<br/>No cash, please!</li> <li>2. Submit by mail or fax: Mail the completed form(s), along with full payment for the program(s) to: Summer@IMSA, 1500 W. Sullivan Road, Aurora, IL 60506, or fax (credit cards only) to 630.907.5880. <b>NO PHONE APPLICATIONS</b> will be accepted.</li> <li>3. Obtain a Teacher Recommendation: A teacher recommendation <b>MUST</b> be completed to be accepted to any program. This form may be returned either by the teacher, or by you.</li> <li>4. Receive acceptance confirmation: An acceptance confirmation will be mailed to you after we have received your completed application, payment and teacher recommendation and you have been accepted into the program.</li> <li>5. Submit required student participation forms and student personal statement (when applicable) by May 28, 2010 (mail or fax). Forms are available at <a href="http://imsa.edu">imsa.edu</a> and click on summer @ imsa</li> <li>6. A detailed program letter containing specific camp details will be mailed to you two weeks prior to the beginning day of the program.</li> <li>7. All applications (with exception of PROMISE applications) are due Friday, May 28, 2010. Any application that is received after that date should include an additional \$25.00 late fee.</li> </ol> |
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## Additional Information

### Cancellation Policy

If insufficient students register for the program, IMSA reserves the right to cancel that program. Parents will be notified 2 weeks prior to the start date of a program and a full refund will be given.

### Refund Policy

If after being accepted to a program, you choose to withdraw, please submit a written refund request. If it is received at IMSA on or before May 28, 2010, then a refund will be issued for the full payment minus a \$50.00 non-refundable registration fee. If you withdraw after May 28, 2010 no refund will be issued.

### Wait Lists

If the program for which you are applying by mail is full when your application is received, your child will automatically be added to a wait list and you will be notified by mail or email. Your check will be returned or your credit card will not be charged. If space becomes available, we will contact you. If registering online, please call for information on how to be on the waiting list at 630-907-5950

**Summer@IMSA programs fill quickly! To be one of the first, GET ONLINE TODAY!**

## Summer@IMSA 2010 Program Registration

1. Full Name: First \_\_\_\_\_ Last \_\_\_\_\_ MI \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. City \_\_\_\_\_ State \_\_\_\_\_ Zip + 4 \_\_\_\_\_
4. Gender M \_\_\_\_\_ F \_\_\_\_\_
5. Date of birth (MM/DD/YYYY) \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_
6. Current grade in school \_\_\_\_\_
7. County where you reside in IL \_\_\_\_\_
8. Ethnicity - This information is requested so we may report statistical data regarding our participants to the State of Illinois and/or other program funders. Only aggregate data will be shared. Summaries will not contain individual information. Please pick one or more from the list below
 

<input type="checkbox"/> Hispanic or Latino(a)	<input type="checkbox"/> Black or African American
<input type="checkbox"/> American Indian or Alaskan Native	<input type="checkbox"/> Native Hawaiian or other Pacific Islander
<input type="checkbox"/> Asian	<input type="checkbox"/> White
9. Parent/Legal Guardian name, with whom you live \_\_\_\_\_
10. Parent/Guardian phone Home: ( ) \_\_\_\_\_ - \_\_\_\_\_ Cell ( ) \_\_\_\_\_ - \_\_\_\_\_ Work ( ) \_\_\_\_\_ - \_\_\_\_\_
11. Parent/Guardian e-mail \_\_\_\_\_
12. School name and address \_\_\_\_\_  
\_\_\_\_\_
13. Name of teacher who will be completing your recommendation \_\_\_\_\_
14. T-shirt size: If you do not indicate a size, an adult medium will be assigned to your child.  
 Youth  YS  YM  YL      Adult  S  M  L  XL

## Program Selection

(please check the program(s) for which you are registering)

<input type="checkbox"/> Science Explorers, Jr.	Grades 3 & 4	Aurora	<input type="checkbox"/> June 14-18 OR <input type="checkbox"/> June 21-25	\$250
<input type="checkbox"/> Science Explorers, Jr.	3 & 4	Carbondale	June 28-July 2	\$250
<input type="checkbox"/> Science Explorers, Jr.	3 & 4	Springfield	August 2-6	\$250
<input type="checkbox"/> Kidsplorations in Technology	5 & 6	Aurora	<input type="checkbox"/> June 14-18 OR <input type="checkbox"/> June 21-25	\$250
<input type="checkbox"/> Science Explorers	5 & 6	Carbondale	June 28-July 2	\$250
<input type="checkbox"/> Science Explorers	5 & 6	Aurora	July 12-16	\$250
<input type="checkbox"/> Science Explorers	5 & 6	Lake County	July 19-23	\$250
<input type="checkbox"/> Science Explorers	5 & 6	Chicago	July 19-23	\$250
<input type="checkbox"/> Kidsplorations in Technology	5 & 6	Springfield	August 2-6	\$250
<input type="checkbox"/> Summer Sleuths	6-9	Aurora	July 19-22	\$225
<input type="checkbox"/> Summer Sleuths	6-9	Carbondale	July 28-July 1	\$225
<input type="checkbox"/> Tracking Killer Storms	6-8	Belleville	August 2-6	\$275
<input type="checkbox"/> Tracking Killer Storms	6 & 7	Aurora	July 26-30	\$275
<input type="checkbox"/> Tracking Killer Storms	7 & 8	Aurora	July 19-23	\$275
<input type="checkbox"/> Let's do Launch Residential Program	7 & 8	Edwardsville	July 11-16	\$700
<input type="checkbox"/> Science@IMSA for Boys Residential Program	8 & 9	Aurora	July 25-30	\$650
<input type="checkbox"/> Science@IMSA for Girls Residential Program	8 & 9	Aurora	July 11-16	\$650
<input type="checkbox"/> Math@IMSA Residential Program	8 & 9	Aurora	July 18-23	\$650
<input type="checkbox"/> Extreme Science & Math@IMSA Residential Program	9 only	Aurora	July 25-30	\$700
<input type="checkbox"/> Energy@IMSA Residential Program	9 & 10	Aurora	July 18-23	\$700
<input type="checkbox"/> Energy@IMSA Residential Program	9 & 10	Edwardsville	July 11-16	\$700

(REGISTRATION CONTINUED ON PAGE 14...)

15. Scholarships based on financial need are available to students who could not otherwise attend. In order to be considered for a scholarship a student must have completed both a registration form and a scholarship application. To receive an application or for more information please call 630-907-5950 or email [summerprograms@imsa.edu](mailto:summerprograms@imsa.edu)

16. Payment by check payable to IMSA or credit card (Visa/MC- no cash please)

Type of Credit Card \_\_\_\_\_

Name on the Credit Card \_\_\_\_\_

Credit Card Number \_\_\_\_\_ + 3 digit ext. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

Mail all registrations to: **Summer@IMSA • 1500 W. Sullivan Rd • Aurora, IL 60506-1000**

For questions about the programs call 630-907-5950 or e-mail [summerprograms@imsa.edu](mailto:summerprograms@imsa.edu)

Registrations are all due by Friday, May 28, 2010. Any received after that date should include a late fee of \$25.00

IMSA programs are accessible to disabled individuals. State government policy prohibits discrimination based on race, sex, color, creed, religion, national origin, age and ancestry, sexual orientation, political affiliation or disability.

### Signature

Your signature indicates that you support your child's full participation in Summer@IMSA programs. You will also provide or arrange appropriate transportation to and from IMSA. Your signature gives permission for your child's photograph to be taken and used for educational and promotional purposes by IMSA.

\_\_\_\_\_  
Parent/Guardian Signature Date

# Teacher Recommendation

Legal Name of Applicant \_\_\_\_\_

Program Name \_\_\_\_\_

### Information Release

As parent/guardian of the above named student, I grant permission for the disclosure of all pertinent school information to the Illinois Mathematics and Science Academy staff.

Parent Signature Date \_\_\_\_\_

**The student's math or science teacher should answer the following questions.**

Name of teacher completing this form \_\_\_\_\_

School \_\_\_\_\_

School Address \_\_\_\_\_

Subject(s) taught Length of time you have known this student \_\_\_\_\_

Work phone Email \_\_\_\_\_

How would you describe this student's	Exceptional		Average		Poor
1. intellectual curiosity	5	4	3	2	1
2. creativity	5	4	3	2	1
3. leadership	5	4	3	2	1
4. classroom performance and preparation	5	4	3	2	1
5. ability to work in group situations	5	4	3	2	1
6. ability to work independently	5	4	3	2	1

What is this student's interest level...

7. in studying science	5	4	3	2	1
8. in studying mathematics	5	4	3	2	1

In your opinion what is the student's ability...

9. in science	5	4	3	2	1
10. in mathematics	5	4	3	2	1

Please provide any additional information that should be considered when evaluating this student for participation in the IMSA Summer 2010 program on a separate sheet.

Teacher's signature \_\_\_\_\_

**Thank you for completing this form.**

Please mail completed form to: Summer@IMSA, 1500 W. Sullivan Rd, Aurora, IL 60506 or fax it to 630-907-5880