



# Patterns

The Newsletter of the Goudreau Museum of Mathematics in Art and Science

Winter 2005



Children's Author  
**Stuart J. Murphy** ↘  
Saturday, January 22, 2005  
1 pm

Have you read *Seaweed Soup*, *100 Days of Cool*, or *Double the Ducks*? If yes, meet the author Stuart Murphy. If not, this is a chance to find out what you've been missing. Mr. Murphy is the author of more than 50 entertaining books that take complex math concepts and explain them with a kids-friendly approach.

Join the Goudreau Museum of Mathematics for a presentation by Mr. Murphy for youngsters through fourth grade, their families and teachers. Participants will "delight in all the fun they're having...while they're learning."

The program will take place at the New Hyde Park Road School on **Saturday, January 22, 2005 at 1 pm.**

Following the presentation, refreshments will be served and participants will be able to take part in a variety of hands-on activities. Several of Mr. Murphy's books will be for sale and Mr. Murphy will be available to sign them.



The **cost for this fantastic event is \$7 for Museum members, \$8 for non-members, and \$5 for children.** (All children must be accompanied by an adult.) In addition, **each participant will receive a free pass to the Goudreau Museum** for a future visit. Program flyers may be downloaded from the museum website, [www.mathmuseum.org](http://www.mathmuseum.org). We hope to see you at this fun-filled event!

Part-time  
Instructors  
Sought  
Monday through  
Friday



The Museum's programs are growing and so must its staff! Perhaps you are a parent with children in school, a student who is studying to be a teacher or a recent retiree. The Museum is looking for people to join its staff as a part-time instructor.

Instructors work one or more days per week and lead Museum-designed workshops for students and scouts. Workshops are conducted Monday through Friday during the school day and after school.

For further details, please call the Museum at 516-747-0777.

## $\pi$ (Pi) Day Is Coming!!!

Get ready for our twelfth annual  $\pi$  (Pi) Day/Math Awareness Day contest and exhibition, which will take place this spring. Celebrate  $\pi$  Day in your school on Monday, March 14 (3/14). Then consider selecting some of your entries for the Museum's contest. Deadline for entry in the Museum contest is Monday, March 21, 2005. A celebration and exhibit will take place on Saturday, April 16, 2005 at which time all entries will be on display. This year's theme is **Math: You Can Bank On It.**

See enclosed material for guidelines and an application or download this information from the Goudreau Museum's website: [www.mathmuseum.org](http://www.mathmuseum.org).

3.1415926535897



Looking for a unique gift idea? The Museum Gift Shop offers a wide variety of unusual gifts for all ages. We strive to provide interesting and thought-provoking gifts that are math-related. Items such as math apparel, intriguing puzzles, games, polyhedra dice, Escher items and more make the Gift Shop a truly unique place to shop! Prices range from 25¢ to \$39.50, tax included.

You may also visit the Museum gift shop at the following local math events:

- NCMTA/NCAMS *How To...Make Math Count*, a K-8 Conference for Teachers, Wednesday, January 12, 2005
- Oceanside Family Math Day, Saturday, February 12, 2005
- Massapequa Family Math Day, Saturday, March 12, 2005
- Nassau County Family Math Day, to be held in Malverne, Saturday, April 2, 2005

As always, Museum members will receive 10% off their purchases.

## MUSEUM Drop-in Hours

For drop-in hours, general admission is \$2 per person, free for members. Drop-in Saturday hours, noon to 3 pm, in 2005 will be:

<b>January</b>	<b>8*, 22, 29</b>
<b>February</b>	<b>5, 12</b>
<b>March</b>	<b>5, 12, 19</b>
<b>April</b>	<b>9, 16</b>
<b>May</b>	<b>7, 14, 21</b>

**Interested in visiting during the week?** We'd love to see you. Please call ahead, 516-747-0777, since we are not open when there is a group visiting.

\*The Math Museum is one of several cultural institutions that will be participating in *The New York Times* arts and leisure weekend. With the NYT pass, visitors will be able to buy one admission, get one free. For more information, check the website, [nytimes.com/alweekend](http://nytimes.com/alweekend).

## Be Inspired to do some Spring Cleaning and Help the Math Museum!

The Museum could use one or more of the following items. Since the Museum is a non-profit all gifts are tax deductible under the IRS code 501(c) (3).

- CD player
- External 56K Modem(s)
- External 3.5" floppy drive(s)
- Office chairs
- Large Rubbermaid storage tubs



### Saturday Math Enrichment Programs Offered for Third Grade Students

This past fall the Goudreau Museum of Mathematics had terrific fourth, fifth, sixth, seventh and eighth graders participate in the math enrichment program. The Museum is offering a third grade program beginning January 8. The program is geared for students who have an interest and enthusiasm for math. Timeframe is 9:15 am – 11:45 am. Cost is \$150 for the series of 5 workshops. Applications can be printed from the Math Museum website or requested by calling 516-747-0777.

Date	Topic	Instructor
1/08/05	<b>Ga-MATH-on</b>	Claire Wiener
1/22/05	<b>Spinners, Coins and Dice: Probability</b>	Eric O'Brien
1/29/05	<b>The Magic of Multiplication</b>	Adam Winnick
2/05/05	<b>What is Your Attribute? Problem Solving Using Attribute Blocks</b>	Lisa Minerva
2/12/05	<b>Numerical Puzzles</b>	John Hinton

# Join/Get Involved

The Goudreau Museum of Mathematics is dedicated to emphasizing the fun and joy of mathematics, recognizing that the knowledge of mathematics helps us to understand the world in which we live....but we need your help. Ongoing program fees, grants, memberships and donations allow us to evolve and improve the quality of our offerings and exhibits.

## Additional Ways To Make Your Gift Count:

**Matching Gifts:** Does your company have a matching gift program? You can double or triple the impact of your support by taking advantage of your company's matching gift program.

## Membership

We invite you to enjoy the many benefits of a Goudreau Museum membership. At any level, membership is a great value for your family or a terrific gift for someone special!

- Free admission to public hours
- 10% discount at the Museum Gift Shop
- Free access to our specialized Math Reference Library
- Member discounts for selected special events and programs

All members will be eligible to win one of three \$10 gift certificates for the **Museum Gift Shop** at our July 2005 drawing.

### Yes! I'd like to become a member!

<input type="checkbox"/> Student* (K-12) \$15	<input type="checkbox"/> Individual \$25	<input type="checkbox"/> Family** \$35
<input type="checkbox"/> Patron \$50	<input type="checkbox"/> Educational Institution \$75	<input type="checkbox"/> Donor \$100

\*Students must specify their school

\*\*Families must specify number in family

Name \_\_\_\_\_

(School/ No. in Family) \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ Zip \_\_\_\_\_

Telephone ( ) \_\_\_\_\_

E-Mail \_\_\_\_\_ @ \_\_\_\_\_

Please make checks payable to  
**Goudreau Museum of Mathematics**



## Call For Volunteers

MAYBE YOU CAN HELP!

The Math Museum is dependent on volunteers for all aspects of its operations. We are seeking people wishing to share their expertise and time as volunteers to further the objectives of the Math Museum. We are seeking volunteers in the following capacities:

Pi Day Committee Members  
Help with Saturday Public hours  
Workshop Assistants

There are additional opportunities during the week and during special events. This is a great opportunity to meet new people, have fun, share a talent or gain experience in a new area.

**Come out to the Museum on Groundhog's Day, Wednesday, February 2, 2005 to learn more!**

An informal volunteer information session will be held on February 2, 2005 from 7 pm to 8 pm. Unable to make it? Call the Museum at 516-747-0777 or e-mail us at [info@mathmuseum.org](mailto:info@mathmuseum.org) with your interest.

## Awards Dinner Held

On November 17, 2004, the Museum held the twelfth Goudreau Awards Dinner at the Swan Club in Glenwood Landing. About 100 guests joined in honoring Grant Duffrin, Marvin Kreutzberger and Lisa Minerva for educational leadership and Frank Young for volunteer leadership. A good time was had by all.



Information about Museum Workshop programs is available online at [www.mathmuseum.org](http://www.mathmuseum.org)



## Upcoming Events

January	
Saturday Dates: 8, 22, 29	
8	3 <sup>rd</sup> Grade Saturday Math Enrichment Begins
22	Author Program with Stuart J. Murphy
February	
Saturday Dates: 5, 12	
March	
Saturday Dates: 5, 12, 19	
21	Deadline for Pi Day Entries, 5 pm
April	
Saturday Dates: 9, 16	
16	$\pi$ (Pi) Day/Math Awareness Day Exhibit
May	



## Newsletter Highlights

- 2005  $\pi$  Day/Math Awareness Day Guidelines
- Author Stuart J. Murphy
- Museum Gift Shop
- Membership
- Part-Time Opportunities at the Math Museum
- Volunteer Ideas
- 3<sup>rd</sup> Grade Enrichment

*Find out more inside!*