



NEEDHAM
FREE PUBLIC
LIBRARY

LIBRARY NOTES

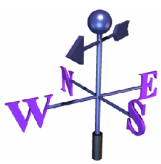
July/August 2014

Mad Science of Greater Boston, Inc Science Experiment Workshops

Walloping Weather

Monday, July 7th

4:00 PM



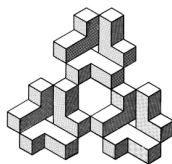
Welcome to the wild world of weather! In this Mad Science® of Greater Boston workshop, participants will investigate why it rains, what causes lightning and even how weather can be predicted

via a science called meteorology. Through hands-on activities and exciting demonstrations, participants will step into the shoes of a meteorologist and create some of their own regional weather forecasts, and they'll make a UV bead bracelet to take home so they can continue to explore the amazing world of weather. Workshop limited to 30 participants ages 6-12. Registration begins one week before event.

Optical Illusions

Monday, July 14th

4:00 PM



This Mad Science® of Greater Boston workshop will explore the science of optics, refraction, and the biology associated with sight. The participants will have fun fooling their eyes with a variety of optical illusions: some old favorites like the candlestick or the two faces, and some new like Einstein's funny face. They will also test out some optical illusion contraptions like a camera obscura and mirror mirage. Preceded by an instructional demonstration of the science and design behind periscopes, all participants will construct their own periscope to take home. Workshop limited to 30 participants ages 6-12. Registration begins one week before event. These programs are sponsored by the Friends of the Needham Public Library in support of the 2014 Fizz, Boom, Read Summer Reading Clubs.

The Magic of the Steelgraves

Tuesday, July 29th

7:00 PM



Magic of The Steelgraves will dazzle you! New England magicians/illusionists Markus & Angelique Steelgrave blend amazing magic with lively audience participation, hilarious comedy, juggling, unique illusions and lots of surprises! Please join us for this family-friendly event. This program is sponsored by the Friends of the Needham Public Library in support of the 2014 Fizz, Boom, Read Summer Reading Clubs.

Science Tellers—Dragons & Dreams

Thursday, August 21st

4:00 PM

In a faraway world with castles, kings, dragon keepers, ice sorceresses, and a powerful item known as the Horn of Fire, two villagers must take a daring journey to release the dragons and save the entire kingdom!



Join us as we learn about the science of fire and ice through the tale of "Dragons & Dreams." Wouldn't dragon's breath be an amazing sight to see?! Well, get ready to see it...feel it...smell it...maybe even taste it! This story features interactive science experiments with dry ice, flash paper, exploding bottles, and much more. Enjoy this spectacular adventure and be swept away to a world where dragons are real and dreams come true — and where only the most daring of people will survive to tell the tale! This program is sponsored by the Friends of the Needham Public Library in support of the 2014 Fizz, Boom, Read Summer Reading Clubs.

For further information about upcoming events, go to www.needhamma.gov/library.

This Summer in the Friends' Gallery

Rob Franco

What's happening this month in the Children's Room...

Children's Programs in July/August

Drop-in Storytimes for ages 5 and under



| | |
|-------------------------|----------|
| Wed., July 2, 9, 16, 30 | 10:00 AM |
| Wed., July 2, 9, 16, 30 | 11:00 AM |
| Thurs., July 31 | 10:30 AM |
| Fri., August 1, 22 | 10:30 AM |
| Wed., August 6, 13, 27 | 10:00 AM |
| Wed., August 6, 13, 27 | 11:00 AM |

Stories, music, movement and more. Storytimes are drop-in—no registration required. All children must be accompanied by an adult.

Ready, Set...Move with Cici Hunt: for ages 3-5**



| | |
|------------------|----------|
| Tues., July 8 | 11:00 AM |
| Tues., July 22 | 11:00 AM |
| Tues., August 12 | 11:00 AM |
| Tues., August 26 | 11:00 AM |

Join Cici Hunt in this fun-filled music and movement class for children and their caretakers. **Registration is required, one session per month only please.

Sing-Along with Ed Morgan

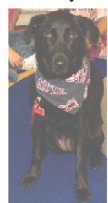


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|-------------------|----------|
| Fri., July 11 | 3:00 PM |
| Thurs., July 17 | 10:30 AM |
| Fri., August 8 | 3:00 PM |
| Thurs., August 21 | 10:30 AM |

For children 2 years and up accompanied by an adult. This is a drop-in program—please arrive on time.

Funding for Music Enrichment Programs provided by the Friends of the Needham Public Library.

Lucy the R.E.A.D. Dog: for ages 3 and up**



| | |
|------------------|----------|
| Thurs., July 3 | 10:00 AM |
| Thurs., August 7 | 10:00 AM |

Join Lucy, a black lab, and Pat Howes for a great program that encourages children to read! **Registration required. Begins one week prior to program. *Sponsored by the*

Friends of the Needham Public Library.

Children's Craft Programs in July/August

Drop-In "Fourth of July" Crafts for all ages



| | |
|---------------|----------|
| Tues., July 1 | 10:30 AM |
| Tues., July 1 | 4:00 PM |



Drop-In "Fizz! Boom! Senses Science" Crafts for ages 2-6

| | |
|----------------|----------|
| Tues., July 15 | 10:30 AM |
|----------------|----------|



Drop-In "Fizz! Boom! Robot" Crafts for ages 2-6

| | |
|---------------|---------|
| Mon., July 21 | 4:00 PM |
|---------------|---------|



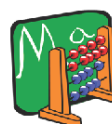
Drop-In "Fizz! Boom! Science Fiction" Crafts for ages 2-6

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|----------------|----------|
| Mon., July 28 | 4:00 PM |
| Tues., July 29 | 10:30 AM |



Drop-In "Fizz! Boom! Color" Crafts for ages 2-6

| | |
|-----------------|----------|
| Mon., August 4 | 4:00 PM |
| Tues., August 5 | 10:30 AM |



Drop-In "Fizz! Boom! Math" Crafts for ages 2-6

| | |
|-------------------|----------|
| Mon., August 11 | 4:00 PM |
| Thurs., August 14 | 10:30 AM |



Drop-In "Fizz! Boom! Science Surprises" Crafts for all ages

| | |
|------------------|----------|
| Mon., August 18 | 4:00 PM |
| Tues., August 19 | 10:30 AM |

All Drop-In Craft Programs feature two crafts and a coloring page that are related to the theme. There will be 25 of each craft, so be sure to come early for first choice.

Fun Flicks



| | |
|----------------------|----------|
| Thurs., July 10, 24 | 11:00 AM |
| Thurs., August 7, 28 | 11:00 AM |

Short films based on popular storybooks—shown in the Community Room.

SUMMER READING CLUBS

June 16 through August 23

(last day to sign-up is July 31)



Get ready for a sensational summer of reading and programming at the Needham Free Public Library. This year's program, *Fizz, Boom, Read* will run from Monday, June 16—Saturday, August 23. There will again be two clubs—Read to Me (ages 3-6) and Independent Readers (grades K-6). You can sign up in the Children's Room OR register and maintain your reading log online: <http://readsinma.org/needham>. Participants in both clubs will receive a small prize for every two hours recorded on their reading log. We hope that children will read for at least 20 hours to complete the program. *Fizz, Boom, Read* is sponsored by the Mass. Library System, the Boston Bruins, the Mass. Board of Library Commissioners, and the Needham Free Public Library.

LEGO Time! Needham Free Public Library's BLOCK PARTY!

For ages 4 and up!



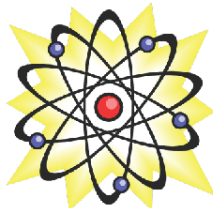
Wednesday, July 9 4:00 - 5:00 PM

This event will occur in the Community Room.

Young Sprouts Science Fun—Ages 5-8**

Tues., July 15, 22, 29 4:00 PM

Young Sprouts is something new for "budding" scientists, ages 5-8. Join us as we use hands-on activities, including at least two STEM (Science, Technology, Engineering, Math) ways to explore our world. ****Please sign up separately for each date, beginning one week in advance, by phone or in person.**



"Dancing with the (Little) Stars"—A Mostly Movement Storytime—for ages 5 and under

Wed., July 23 10:30 AM



Stars are dancing all over! Join us for a Mostly Movement, Toe Tapping Storytime. This event will be held in the Community Room.

Fizz, Boom, Read Summer Film Festival

July 18



The Incredibles
(Rated PG, 115 min.)

July 25



Wall-E
(Rated G, 98 min.)

August 1



Cloudy With a Chance of Meatballs
(Rated PG, 90 min.)

August 29



Muppets Most Wanted
(Rated PG, 120 min.)

Showtime is 2:00 PM

Mad Scientist Party for ages 4+

Wed., July 30th

4:00 PM



Discover your inner "mad scientist" with cool concoctions, crazy crafts and science surprises at our Mad Scientist Party. This fun-filled program is sure to bring a smile.

Yoga for Teens and Tweens with Samantha Riley

Wed. September 17th

4:30 PM

If you are 9 to 12 years old, then this class is for you! Come and spend an hour learning the ancient practice of yoga. Come learn postures that can relieve stress and anxiety and give you flexibility that can help with sports. In addition, yoga helps with build strong muscles and bones, improves posture, and assists with coordination and balance. These are just a few of the benefits that everyone can experience. In all, yoga promotes unification of body and mind. Please come to class with a water bottle, mat, and comfortable clothes to move in. Space is limited to the first 20 teen/tweens—Registration begins one week previous to this event at the Adult Reference Desk. Sponsored by the Needham Free Public Library.



Library Hours:

Mon. - Thurs.

9:00am - 9:00pm

Fridays

9:00am - 5:30pm

Saturdays

9:00am - 5:00pm

Upcoming Events...

September Book Discussions

NPL Book Group

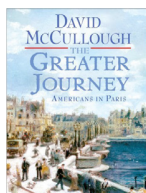
Tuesday, September 9th

1:00 PM

The Greater Journey: Americans in Paris

by David G. McCullough

In *The Greater Journey*, David McCullough tells the enthralling, inspiring—and until now, untold—story of the adventurous American artists, writers, doctors, politicians, and others who set off for Paris in the years between 1830 and 1900, hungry to learn and to excel in their work. What they achieved would profoundly alter American history. Elizabeth Blackwell, the first female doctor in America, was one of this intrepid band. Another was Charles Sumner, whose encounters with black students at the Sorbonne inspired him to become the most powerful voice for abolition in the US Senate. Friends James Fenimore Cooper and Samuel F. B. Morse worked unrelentingly every day in Paris, Morse not only painting what would be his masterpiece, but also bringing home his momentous idea for the telegraph. Telling their stories with power and intimacy, McCullough brings us into the lives of remarkable men and women who, in Saint-Gaudens' phrase, longed "to soar into the blue." *October 14, 2014 Book: *Behind the Beautiful Forevers* by Katherine Boo.*



NPL Evening Book Group

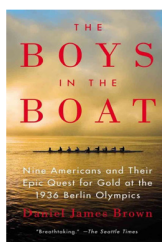
Wednesday, September 17th

7:00 PM

The Boys in the Boat: Nine Americans and Their Epic Quest for Gold at the 1936 Berlin Olympics

by Daniel James Brown

It was an unlikely quest from the start. With a team composed of the sons of loggers, shipyard workers, and farmers, the University of Washington's eight-oar crew team was never expected to defeat the elite teams of the East Coast and Great Britain, yet they did, going on to shock the world by defeating the German team rowing for Adolf Hitler. The emotional heart of the tale lies with Joe Rantz, a teenager without family or prospects, who rows not only to regain his shattered self-regard but also to find a real place for himself in the world. Drawing on the boys' own journals and vivid memories of a once-in-a-lifetime shared dream, Brown has created an unforgettable portrait of an era, a celebration of a remarkable achievement, and a chronicle of one extraordinary young man's personal quest. *October 15, 2014—*Pigeon in a Crosswalk* by James Gray*



Author Lorenz Finison—Boston's Cycling Craze, 1880-1900

Tues., September 9th 7:30 PM

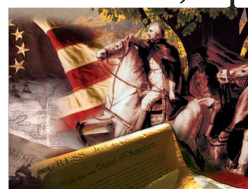
From 1877 to 1896, the popularity of bicycles increased exponentially, and Boston was in on it from the very start. The Boston Bicycle Club was the first in the nation, and the city's cyclists formed the nucleus of a new national organization, the League of American Wheelmen.



Lorenz J. Finison explores the remarkable rise of Boston cycling through the lives of several participants, including Kittie Knox, a biracial twenty-year-old seamstress who challenged the color line; Mary Sargent Hopkins, a self-proclaimed expert on women's cycling and publisher of *The Wheelwoman*; and Abbot Bassett, a longtime secretary of the League of American Wheelman and a vocal cycling advocate for forty years. Finison shows how these riders and others interacted on the road and in their cycling clubhouses, often constrained by issues of race, class, religion, and gender. He reveals the challenges facing these riders, whether cycling for recreation or racing, in a time of segregation, increased immigration, and debates about the rights of women. Books will be available for purchase and autographing courtesy of Wellesley Books. This event is sponsored by the Needham Free Public Library.

Dr. Gary Hylander: Becoming America, 1776-1800

Tues., September 16th 7:30 PM



Join us as we discuss the events, personalities and politics that led to the drafting of the Declaration of Independence and the outbreak of the American Revolution.

"A standing miracle" is how

Washington would forever describe the colonial victory over Britain in 1783. The Constitutional Convention, the presidencies and politics of the Washington and Adams administrations will also be discussed as America struggled to assert itself as the world's first nation dedicated to the "life, liberty and pursuit of happiness" of its citizens. This is the first of a four lecture series and is sponsored by the Library Foundation of Needham.

Thanks to the Friends of the Needham Public Library for providing financial assistance in the production of this Newsletter.