

**Rochester Museum & Science Center**  
 657 East Avenue  
 Rochester, New York  
 14607  
 Group Scheduling and  
 Planning Your Visit:  
 (585)697-1942

**School Programs at  
 Cumming Nature  
 Center**

Bring your class on an unforgettable journey into the Briso Hills with a trip to the Cummin Nature Center. For a list of our school programs see your School and Teacher Program Guide, or: [http://www.rmssc.org/Data/Documents/teacher/ed\\_guide\\_2008/ed\\_guide\\_cnc\\_fieldtrips.pdf](http://www.rmssc.org/Data/Documents/teacher/ed_guide_2008/ed_guide_cnc_fieldtrips.pdf). Call (585)697-1942 to make your reservations.

**Have Questions on Curriculum or Pedagogy?** Contact: Deborah Massey Head of School and Teacher Programs (585)271-4552, ext.521 [deborah\\_massey@rmssc.org](mailto:deborah_massey@rmssc.org)

**Our goals at the RMSC education department are to:**

- Provide hands-on inquiry based learning experiences
- Offer access to incomparable collections
- Design experiences that students and teachers desire.

See our web site at [www.rmssc.org](http://www.rmssc.org) for more information on programs and prices.

## NEW MAZE Exhibits Stimulate Critical Thinking

### GPS Adventures

**Jan. 24–March 15, 2009 \* Grades K-12**

Students solve puzzles, decipher codes, and discover their Treasure City as they navigate their way through a life-sized maze of waterfalls, cliffs, and ravines, using simulated Global Positioning Systems (GPS) Technology. Curricular areas: Geography, History, Geoscience, Technology, and Natural Science.



### A-Mazing Sea

**March 19–May 3, 2009 \* Grades PreK-8**

Students explore a virtual undersea world of mysterious myths, fun facts, role-playing, puzzles, problem-solving, and deep-sea sleuthing. Students climb into a sea turtle shell, crawl through a whale's mouth and reach into an octopus cave while discovering simple solutions for challenges that face inhabitants of the deep blue and beyond.



*Both maze exhibitions are presented by M&T Bank. Development Sponsor: Trimble. Created by: Groundspeak.*

## Teacher Open House – Bring Your Family!

### Both the Planetarium and the Museum Open For You!

**February 9, 2009, 4:00-7:30pm**



Enjoy food, fun science shows and door prizes. Meet our educators. Learn what's new at the RMSC, and plan your field trips, outreaches and professional development. Check out:

- Star Show: Our Huge Universe 5:00pm
- Giant Screen Film: Dinosaurs Alive! 6:30 pm
- New Exhibit: GPS Adventure
- New Immersion Tour Experiences: Flight To Freedom: Rochester's Underground Railroad
- And much, much, more!

Call (585)697-1942 by Tuesday, February 3 to reserve your spot.

### High School Chemistry and Physics Days

**March 26 or March 27, 2009 \* New for 9th-12th graders.**

Your students will:

- Investigate multiple hands-on experiments set-up throughout the museum, centering on key concepts in the NY State Core Curriculum, including: Titrations \* States of Matter \* Newton's Laws \* DNA \* Mechanical Advantage \* Pressure
- College Fair and Career Roundtable.
- Meet community scientists presenting their research.

**Register now –  
 space is limited**

## Did You Know ... RMSC Delivers?

Can't come to us? ...

We'll bring the wonder and fascination of science to your classroom!



With a total of 18 outreaches the "RMSC Delivers" exciting live demonstrations and hands-on activities for your students to experience.

Our outreaches range from the natural to the physical science — from bubbles, bats, insects, and dinosaurs — to energy, space, formulas, and polymers.

Be it large assembly or single classroom, Pre-K to 12, our skilled educators will work with you to give your students a program that helps you continue to spark their curiosity and enthusiasm to learn.

Check-out our new outreach, *Space (Grades 4-8)*, or ongoing favorites at: [http://www.rmhc.org/Data/Documents/teacher/ed\\_guide\\_2008/ed\\_guide\\_08\\_rmhc\\_delivers.pdf](http://www.rmhc.org/Data/Documents/teacher/ed_guide_2008/ed_guide_08_rmhc_delivers.pdf).

### Giant-Screen Film – Wild Ocean

**April 14, 2009–June 9, 2009 \* Grades 3-12**

Wild Ocean reveals the ecological, economic and cultural impact of the ocean. Plunge into an underwater feeding frenzy, amidst the annual migration of billions of sardines and the bottlenose dolphins, sharks, seals, and common dolphins that depend on them.

### Underground Railroad Immersion Experiences

**Docent-led Immersion in *Flight To Freedom: Rochester's Underground Railroad***

**Begins January, 2009 \* Grades 3-5, 6-8, 9-12**

Bring your students on a journey into a time when courageous people chose to take enormous risks to stand-up for what they believed in. What were their choices? How did they summon the courage? Ask for a docent-guided experience when you make your reservations.

### Freedom Under the Stars

**Limited Showings: March 18, 24, and 25, 2009 \* Grades 3-12**

Meet Frederick Douglass, Amy and Isaac Post, and Sojourner Truth in this interactive RMSC Players production at the Strasenburgh Planetarium. Learn how to navigate using the night sky! Meet a freedom seeker and local abolitionists. Interpret slave documents.

### Professional Development

**Preschool – Grade 2 Science Co-Explorers Workshops**

**Water Play** Thursday, Feb. 5, 7:00-9:00 pm Course #T101, \$40

**Making Things Move** Thursday, March 5, 7:00-9:00 pm Course #T104, \$40

**Grade K-5**

**Rochester's Underground Railroad with Primary Documents**

Wednesday, Jan. 14, 4:00pm – 7:00pm Course #T118, \$30 (#T119 for optional kit +\$20)

**Getting the Minds-on with the Hands-on** Wednesday, Feb. 25, 4:00pm–7:00pm, #T117

**Grade 9-12**

**Demonstrations for the Classroom**

Wednesday, Feb. 11, 4:00pm – 7:00pm Course #T122, \$30; (#T123 for optional book + \$40)

Rochester City School District credit available. For Spring offerings, see the School and Teacher Program Guide [http://www.rmhc.org/Data/Documents/teacher/ed\\_guide\\_2008/school\\_guide\\_lr.pdf](http://www.rmhc.org/Data/Documents/teacher/ed_guide_2008/school_guide_lr.pdf).

To register call (585) 697-1942. For more information, contact Deborah Massey, (585) 271-4552 x521

#### Join Invention Convention 2009!

Get the buzz going with your students, friends, and throughout the school!

Each year students ages 5-14 imagine and create solutions to a problem, inventing games, household products, or tools. For more information:

[www.RIPLA.org](http://www.RIPLA.org) or contact Anna Rivoli at [msriv1@aol.com](mailto:msriv1@aol.com) or visit [ICideasNY.com](http://ICideasNY.com).

#### Get Involved...

**Become an RMSC Docent! (Volunteer Tour Guide)**

Visit [www.rmhc.org](http://www.rmhc.org), go to "Support," and click on "Volunteers."

#### Did you know...?

#### FREE Museum Admission Anytime For Teachers!

As educators you can preview exhibits anytime, as often as you wish, for free! Just bring your school identification.

Our newsletter is published each season with news from the RMSC education department, updates to programming at the museum and planetarium, professional development opportunities, and special events in the RMSC community.

#### Spread the word!

Share this newsletter with your colleagues. To sign up for this e-newsletter, send a message to: [teacher-news@rmhc.org](mailto:teacher-news@rmhc.org) with just "subscribe" (no quotes) in the subject line. To unsubscribe, send a message to: [teacher-news@rmhc.org](mailto:teacher-news@rmhc.org) with just "unsubscribe" (no quotes) in the subject line.