



## **Hands-on Minds-on Science: Winter, 2003**

**at The Children's Museum, 311 Main Street, Utica, NY 13501**

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*Tues., February 18, 1:00 to 2:00pm* (for Children Ages 7, 8 and 9)

**All Wound Up:** How attractive is electricity? Come experiment with different materials and see electricity at work.

*Tues., February 18, 2:30 to 3:30pm* (for Children Ages 7, 8 and 9)

**Different Strokes:** Discover your magnetic strength. Make magnets out of everyday items. What is a cow magnet?

*Wed., Feb 19, 1:00 to 2:00pm & 3:00 to 4:00pm* (geared to the whole family)

**Interactive Science Toys & Plasma:** Using a variety of interactive science toys to demonstrate the fourth state of matter, you'll be able to observe person-made plasmas in a fluorescent light bulb, learn what plasmas make up the sun and the stars. You'll also learn about fusion energy and observe an exciting new 4<sup>th</sup> fl exhibit demonstrating this.

*Wed., February 19, 1:00 to 2:00pm* (for Children Ages 9, 10 and 11)

**Chemistry of a Candle:** Chemistry is all around us. Learn about chemical transformations using a candle. Where does it go when it burns?

*Wed., February 19, 2:30 to 3:30pm* (for Children Ages 9, 10 and 11)

**Explosive Water? You Must Be Kidding!** No kidding! Learn about the surprising chemistry of water.

*Thurs., Feb 20, 11:00am to noon; 1:00 to 2:00pm & 3:00 to 4:00pm* (geared to family)

**Interactive Science Toys & Plasma:** (*repeat of Wed. Feb. 19<sup>th</sup> program*)

*Thurs., February 20, 1:00 to 3:00pm* (for Children Ages 10 and 11)

**All Powered Up:** Don't short-circuit your imagination. Find out how to make connections so the force is with you.

*Fri., February 21, 11:00am to noon* (for Children Ages 5 and 6)

**Rub a Dub Dub... But Not in a Tub!** Explore the mysteries of static electricity. Let's explain shocking winter experiences.

*Fri., Feb 21, 11:00am to noon; 1:00 to 2:00pm & 3:00 to 4:00pm* (geared to family)

**Interactive Science Toys & Plasma:** (*repeat of Wed. Feb. 19<sup>th</sup> program*)

Instructors will be Museum staff, Ms. Twomey from U. S. Dept of Energy's Fermilab National Accelerator & Mr. DeLooper from U. S. Dept of Energy's Princeton Plasma Physics Laboratory. **NOTE:** Learn how to present these! Classes for educator's are available each morning. Contact President/Director Marlene Brown to sign up or do so via our website.