

## **POW!SCIENCE! SUMMER 2008 WORKSHOP REGISTRATION INFO**

Pow!Science! is offering weeklong science workshops for Summer 2008.

Each workshop will run Monday–Friday from 9AM to 12 Noon (including July 4th) and is limited to TEN PARTICPANTS (Except Lego Mindstorms, which is limited to 6 participants). Fees listed below are all inclusive.

**All Workshops include a snack of popcorn, pretzels and Apple Juice.**

**For more information or to register for a Workshop, please call (401) 619-0971.**

**June 30th–July 4th: SPYMASTER: The Mystery of Lo Chi: Ages 7–12.**

Participants become secret agents, highly trained in secret code encryption and decryption, chemical analysis and more while solving a tantalizing 5 day mystery clue by clue.

Along the way, participants will perform experiments in CHEMISTRY, one of the most important branches of science for any spy, and construct a working electronic Motion Detector!

Workshop WILL MEET on July 4th!

Kits for Spy Science are the Thames & Kosmos Chem C500 and Elenco Snap Circuit Motion Detector. Fee for this Week: \$195.00

## **July 7th –July 11th: Robotics I: Builder's Choice: Ages 8+**

Registration Fee for this week is \$150.00 + Robot Kit Prices as listed below.

Each participant builds a new fun & easy Solar Powered Viking Ship(included in your Registration Fee), and can choose 2 additional robots to build during this week:

### **Beginner Level:**

Rockit Robot-\$19.00

Weasel Robot-\$19.00

Jungle Robot-\$18.00

### **Intermediate Level:**

Air Zinger Robot-\$35.00

Binary Player Robot-\$25.00

Hyper Line Tracker Robot-\$45.00

Moon Walker Robot-\$40.00

Spider III Robot-\$45.00

Sumo Robot-\$45.00

Kabuto Mushi (Rhino Beetle w/ Grasping Claw)-\$45.00

Robotic Arm EDGE-\$35.00

***Building experience and ability to read and follow fairly complicated instructions are highly recommended for this workshop!***

Solar Powered Viking Ship is included in your Registration Fee. Additional Kit Fees will vary according to the Robots you select.

**July 14th–July 18th: Lego Mindstorms NXT Ages 8+ with a 6 participant limit!**

The Lego Mindstorms NXT Set is the next generation of programmable Lego Robot. Each participant receives this incredible kit and will spend the week learning to build and program this competition level technological wonder. Participants will work in teams of two at one of three computer workstations to learn how to program their creations and make their Robots obey every command!

***Building experience and ability to read and follow fairly complicated instructions are recommended for this workshop!***

Fee for this week: \$395.00, includes Mindstorms NXT Kit  
Fee if you already own the Mindstorms NXT Kit: \$175.00

**July 21st–25th:Lego Mindstorms NXT Ages 8+ with a 6 participant limit!**

The Lego Mindstorms NXT Set is the next generation of programmable Lego Robot. Each participant receives this incredible kit and will spend the week learning to build and program this competition level technological wonder. Participants will work in teams of two at one of three computer workstations to learn how to program their creations and make their Robots obey every command!

***Building experience and ability to read and follow fairly complicated instructions are recommended for this workshop!***

Fee for this week: \$395.00  
Fee if you already own the Mindstorms NXT Kit: \$175.00

### **July 28th–August 1st:Adventures in Science: Ages 5–7**

Young experimenters will love the variety & challenge of 4 exciting science kits and dozens of experiments! Chemistry, Biology and Buoyancy are among the topics we'll dive into as we discover new Adventures in Science!

Kits for this week are Young Scientists Club's Chemistry Blast & Journey into the Human Body, and Thames & Kosmos's Little Labs Physics & Boats Kits

Fee for this week: \$195.00

### **August 4th–August 8th: Chemistry & Microscopy: Ages 8+**

For the pure Scientist, it's all out Chemistry all week long with beakers, test tubes, goggles and chemical concoctions. Proper Lab Procedures and Safe Experimental Techniques will be covered along with a staggering number of Chemistry Experiments. Towards week's end, we'll show your Scientist how to prepare and view Microscope Slides for a peek into the micro-world all around us.

**NOTE:** The chemicals in this week's workshop can indeed be harmful if misused. While we of course make every effort to impart safe experimentation techniques to all participants, please use your best judgment when deciding whether or not this workshop is appropriate for your experimenter.

Kit for this week is the Thames & Kosmos CHEM C2000 250 Experiment Set.

Fee for this week: \$275.00

**August 11th–August 15th: Tech Builder: Phenomenal Physics!  
Ages 8+**

Participants learn principles of magnetism, speed, velocity, acceleration, force, rocketry and much more as we build, build build the Magnetix iCoaster, Thames & Kosmos Physics Discovery Kit and the Estes Alpha III Rocketry Set. Please note that on Friday, August 15th, we will meet at Braga Park in Newport to launch our rockets instead of at Pow!Science! After launching, we'll continue on to Pow!Science! and finish our day.

Fee for this week: \$245.00

**Please call (401) 619-0971 to Register!**