

SCIENCE SATURDAYS 2011/2012

October 1 - BOISE 'BOT WORKSHOP

Get some help fine-tuning the robot you'll enter in the Boise 'Bot Competition at DCI on Oct 8 – or borrow a robotics kit from DCI and design a champion of your own. Robotics fans who are not competing on Oct 8 are also welcome to work on their own projects, but the focus of this session is on preparing for the Boise 'Bot contest.

Grades 2 and up - 1-4 pm
\$35 member/\$45 nonmember

October 15 – ZOOLOGY

Lions and tigers and bears! Learn all about your favorite animals – and lots of others. We'll study classifications, habitats and adaptations – and have lots of fun too!

Kindergarten – 10 am-12 noon
\$20 member/\$25 nonmember

October 15 - ROBOTICS WITH MINDSTORM

An exciting introduction into Robotics with Lego Mindstorm! Explore programming, solve robotic challenges, and learn how robots are really used. Students welcome on their own, or with an adult to share the adventure!

Grades 2 and up! 1-5 pm
member - \$40 per student - \$25 per accompanying adult
nonmember - \$50 per student - \$35 per accompanying adult

October 22 - BUGS!

Ants, spiders, scorpions and snails...and some crawly-things you've never heard of. Learn to identify and classify them, and get answers to questions that "bug" you.

Grades 4-6 (9-12 noon) OR Grades 1-3 (1-4 pm)
\$25 member/\$30 nonmember

October 29 - HALLOWEEN SPECIAL EFFECTS

We're brewing up some eerie fun for this spooky class -- mysterious things that glow in the dark, ghostly vapors and other haunting stuff!

Grades 1-3 (9-12 noon) OR Grades 4-6 (1-4 pm)
\$25 member/\$30 non-member

November 5 – GENETICS

An interesting exploration of genetics to help you understand heredity, especially the way characteristics are transmitted – and why you might have a nose just like Uncle Harry's!

Grades 2-4 (9-12 noon) OR Grades 5-7 (1-4 pm)
\$25 member/\$30 non-member

November 12 - JUNIOR GEOLOGY

Learn how rocks form and how to identify different kinds. Build a volcano and watch it erupt, and make a fossil to take home.

Kindergarten – 10 am-12 noon
\$20 member/\$25 non-member

November 12 - ROBOTICS WITH MINDSTORM

Dig deeper into the fascinating field of Robotics as you learn more intricate programming and set more complex robotic challenges.

Grades 2 and up, some robotics experience required - 1-5 pm
\$40 member/\$50 non-member

November 21, 22 & 23 - THANKSGIVING FEAST OF SCIENCES

Sample a whole bunch of sciences while you wait for the real feast on Thursday. From archaeology and chemistry to electricity and zoology, every day will be different, and they'll all be fun!

Grades 1-4 - 9-4:30 all 3 days
\$100 member/\$115 nonmember

December 3 - BOOM! (The safe science of explosions)

Explore chemistry and the reactions that cause things to erupt or explode, all with the proper safety precautions and under careful guidance, of course!

Grades 2-4 (9-12 noon) OR Grades 5-7 (1-4 pm)
\$25 member/\$30 non-member

December 10 – TOY SHOP

Put your creative talents to work building fun and interesting toys, while you learn about the science that makes them work!

Grades 1-3 (9-12 noon) OR Grades 4-6 (1-4 pm)
\$25 member/\$30 non-member

December 19-21 – WINTER WHIRLWIND

A real whirlwind of science activities will get your winter break off to a super start! We'll begin with anatomy, dabble in forensics and tackle some physics, with some exciting side trips along the way.

Grades 1-4 - 9-4:30 all 3 days. \$100 member/\$115 nonmember

January 7 --BUILDING BEDLAM

Engineer incredible structures using K'Nex, Legos and other building kits, incorporate unusual materials and then experiment with demolishing them in a scientific way, like the pros do.

Grades 1-3 (9-12 noon) OR Grades 4-6 (1-4 pm)
\$25 member/\$30 non-member

January 21 - DINOSAURS & SUCH

What were the dinosaurs like? How did their skin feel? How did the Parasaurolophus sound? Come see for yourself!

Kindergarten, 10-12 noon
\$20 member/\$25 non-member

January 21 - ROBOTICS WITH PARALLAX

Move up to the next level of Robotics programming with PARALLAX! More options and a whole new adventure. A great class on its own, it also fulfills the requirements for the new Robotics Merit Badge for Boy Scouts. Grades 5 and up (1-5 pm)

member - \$40 per student - \$25 per accompanying adult
nonmember - \$50 per student - \$35 per accompanying adult

January 28 – BIOLOGY

Dig into the Science of Life, watch a real dissection, and conduct some interesting hands-on laboratory experiments.

Grades 2-4 (9-12 noon) OR Grades 5-7 (1-4 pm)
\$25 member/\$30 non-member

February 11 – ARCHAEOLOGY

Learn about the amazing peoples of the past by recreating cave paintings, making clay pots, and studying primitive tools.

Kindergarten – 10-12 noon OR 1-3 pm
\$20 member/\$25 non-member

February 25 – THE SCIENCE OF ART

Is it Science or Art? An intriguing exploration of how the two are intertwined in expressing human creativity and the effects they have on each other.

Grades 1-3 (9-12 noon) OR Grades 4-6 (1-4 pm)
\$25 member/\$30 non-member

March 3 - PLASTICS: PLEASURE OR PERIL?

From instant snow to hot ice, explore how chemists invent new polymer toys. Create superballs and slime, and learn about recycling plastic.

Grades 1-3 (9-12 noon) OR Grades 4-6 (1-4 pm)
\$25 member/\$30 non-member

March 17 – GEOLOGY

Rock Hounds will enjoy learning to identify different types of rocks. We'll tackle "earth-shattering" topics like earthquakes, volcanoes, tectonic plates and tsunamis too. Grades 1-3 (9-12 noon) OR Grades 4-6 (1-4 pm)

\$25 member/\$30 non-member

March 26 – March 30 SPRING BREAK CAMP

A whole week of hand-on science fun, with robotics, sound, flight, biology and more!

Grades 1-4 – 9-4:30 pm all 5 days - \$165 member/\$195 nonmember

April 14 - CHEMISTRY

Have fun with the fundamentals of chemistry! Combine ordinary stuff to create things that ooze, fizz, bang, bounce or bubble!

Grades 2-4, (9-12 noon) OR Grades 5-7 (1-4 pm)
\$25 member/\$30 non-member

April 21 – ROBOTICS WITH MINDSTORM

An exciting introduction into Robotics with Lego Mindstorm! Explore programming, solve robotic challenges, and learn how robots are really used. Students welcome on their own, or with an adult to share the adventure! Grades 2 and up! (9-12 noon)

member - \$30 per student - \$20 per accompanying adult
nonmember - \$40 per student - \$30 per accompanying adult

April 21 - DOCTOR DOCTOR!

Learn what makes people healthy or sick. Fun activities focus on the heart, stomach, lungs, nerves and brain. Kindergarten – 1-3 pm

\$20 member/\$25 non-member

April 28 – THE AMAZING BRAIN

What weighs 3 pounds, uses electricity, and fits between your ears? The amazing brain! Learn how the brain makes sense of the world and how it "talks" to the rest of the body.

Grades 2-4 (9-12 noon) OR Grades 5-7 (1-4 pm)
\$25 member/\$30 non-member

May 5 – CODES & ALARMS

Discover how codes are developed and make your own. Devise ingenious alarms and message-sending contraptions.

Grades 2-4 (9-12 noon) OR Grades 5-7 (1-4 pm)
\$25 member/\$30 non-member

May 12 – IDAHO WILDLIFE

Learn to identify the amazing wildlife that lives near us, the tracks they leave behind, and what they need to survive.

Grades 1-3 (9-12 noon) OR Grades 4-6 (1-4 pm)
\$25 member/\$30 non-member