

Bear/Webelos Cub Scout Workshops 2011-2012

Complete your badge, pin, or belt loop requirements at Discovery Center! Select from dates and themes below. We may combine your group with another to meet minimum numbers. Workshop fees include all materials plus Discovery Center admission. Scouting awards are not included.

Advance registration and advance payment are required. **\$10 non-refundable deposit due at time of registration.** Deposit counts toward full amount. Only approximate number of participants required at registration. Full payment and firm numbers due two weeks prior to event. **Scout fee varies by topic; Adult fee \$4.** May 7 Starry Skies fees: \$5 per person. No Adult fee for second workshop, same day. Registration closes one week prior to event.

Cancellation Policy: Refunds (minus deposit) are available up to one week prior to event. Discovery Center reserves the right to cancel events; in which case, a full refund will be issued.

How Do I Register?

Step 1: Select a Date and Theme

Cub Scout Workshops:

October 8	Scientist	9:30 am - 12:30 pm	\$12
October 22	Discover Engineering	1:00 pm - 4:30 pm	\$11
November 5	Scientist	9:30 am - 12:30 pm	\$12
November 5	Discover Engineering	1:00 pm - 4:30 pm	\$11
November 19	ZAP!	9:30 am - 12:30 pm	\$14
November 19	Rocks Rock	1:00 pm - 4:30 pm	\$14
January 21	Space Explorers	9:30 am - 12:30 pm	\$11
January 21	Wild Weather	1:00 pm - 4:30 pm	\$12
February 18	Discover Engineering	10:00 am - 2:00 pm	\$11
April 24	Starry Skies	on your own; see below	\$ 5

See workshop details below!

Step 2: Make your Reservation

Print the registration form and mail with your deposit. -----Or-----

Call Corinne to register by phone using your credit card. 815-972-2842.

Upon receipt of your deposit, you will receive a confirmation via mail or email. Final payment and firm numbers are due two weeks prior to event.

Bear / Webelos Cub Scout Workshops

Discover Engineering

Build and test bridges, construct a working circuit from scratch, hook up with simple machines, explore engineer careers, and more in this hands-on workshop!

\$11 **October 22; 1:00 pm - 4:30 pm**
or **November 5; 1:00 pm - 4:30 pm**
or **February 18; 10:00 am - 2:00 pm**

*Webelos complete **Engineer Requirements 1a*,2,6,7,8,9** (*Professional engineers here during Discovery Center's Engineers event; February 18.)*

Rocks Rock

Make a volcanic eruption, touch a dinosaur fossil, classify rocks and minerals, and collect some specimens of your own in this hands-on experience.

\$14 **November 19; 1:00 pm - 4:30 pm**

*Webelos complete **Geologist requirements 1,2,3,4,5,6,7,9***

*Cub Scouts complete **Geology Academics Belt Loop 1,2,3***

*Cub Scouts complete **Geology Academics Pin 1,3,4,7,8,10,12***

Scientist

Launch a rocket and perfect a plane's lift as you experiment with Bernoulli's Principle and Newton's Laws of Motion as you discover the ins and outs of pressure!

\$12 **October 8; 9:30 am - 12:30 pm**
or **November 5; 9:30 am - 12:30 pm**

*Webelos complete **Scientist requirements 1,2,3,5,6,7,8,9,11***

Space Explorers

From glowing constellations to pinhole planetariums! Model moon phases construct a star map, and take a guided tour through the night sky in our planetarium.

\$11 **January 21; 9:30 am - 12:30 pm**

*Bears complete **Space Elective***

*Cub Scouts complete **Astronomy Pin requirement 2,3a,4,5a,7a**
and **Astronomy Belt Loop requirement 2***

More Bear / Webelos Cub Scout Workshops

Starry Skies

May 7 is National Astronomy Day! Celebrate at Discovery Center as you model moon phases; construct a star map, craft glowing constellations; and take a guided tour through the night sky in the planetarium. No classroom time for this event; all activities are in exhibit spaces and completed on your own. Special activities and free planetarium shows available 11:00 am - 4:00 pm. Discovery Center hours are 10:00 am - 5:00 pm. Come when you'd like, and stay all day! Bring lunch or a snack if you wish!

\$5 **April 24; event time 11:00 am - 4:00 pm**

Bears can complete *Space Elective* requirements A,B,C

Cub Scouts can complete **Astronomy Pin Requirements** 2,3a,4,5a,7a

Wild Weather

Bottle a tornado, capture a cloud, and build a barometer. Make and keep your own weather tools as you become a master meteorologist.

\$12 **January 21; 1:00 pm - 4:30 pm**

Bears complete all but record-keeping for **Weather Elective**

Cub Scouts complete **Weather Academics Pin** requirement 1,2,4,7,8,9

ZAP!

Build a flashlight from scratch, feel the hair-raising effects of static electricity, construct a working electric motor, and play with electromagnets!

\$14 **November 19; 9:30 am - 12:30 pm**

Webelos complete **Engineer** requirement 5,6

Bears complete **Electricity** requirement a,c,d,e

Boys complete **Scientist Pin** requirement 1