



Great Rivers Council

Boy Scouts of America

Invention/Merit Badge Weekend Workshop ***Unit Registration***

Lake of the Ozarks Scout Reservation

What: The Great Rivers Council, Boy Scouts of America would like to invite your unit to the Invention Weekend program at the Lake of the Ozarks Scout Reservation. The Invention Weekend program is designed to allow troops, crews, and posts to sign-up on a first-come-first-serve basis to learn how to become an ***“inventor and entrepreneur for life”***. Instruction will be given to youth by staff and volunteers of Invention Scouts.

There are 2 types of Invention Weekends: **Merit Badge & Project**

- **Merit Badge:** Merit Badge weekends are designed for units to complete merit badges through hands-on activities and training. Scouts will complete requirements by using cutting-edge technology in addition to leadership training and team-building exercises. Scouts and adults will also get a chance to make small projects. The following lists some of the most popular merit badges among units who have attended Invention Weekends: *inventing, sustainability or environmental science (Eagle required), chess, engineering, electricity & electronics, digital technology, model & design, entrepreneurship, salesmanship, robotics, programming, game design, photography, American business, radio, and woodworking & woodcarving.* If your unit is interested in a merit badge not listed, please indicate so below.
- **Project:** Project weekends are designed for units that want to use our facilities and equipment, but do not want a program. The Invention Lab has access to state-of-the-art equipment and facilities including but not limited to epilog lasers, 3D printers, ShopBot CNC routers, soldering equipment, and a full woodworking station among others. Units, under the supervision of a qualified adult, volunteer, or staff member, can use this equipment to help build projects ranging from pinewood derby cars to Eagle projects to gifts.
- ****Merit Badge/Adventure and Project weekends can be done simultaneously. For example, half of a unit can do a merit badge/adventure weekend while the other half complete a project weekend.***
- ****At this time, we can only complete one merit badge per weekend. We hope to do more in the future.***
- ****It is strongly recommended that units, especially units who have never been to a weekend, complete a few merit badge/adventure weekends before signing up for a***

project weekend. This will ensure that the scouts will have knowledge on how to use the equipment and facilities.

When: If you would like to schedule your unit to come down on a weekend, please contact Invention Scouts Executive Thomas Yang at (573) 449-2561 Ext 210 or at thomas.yang@scouting.org

Cost: \$15.00 per youth, \$10 per adult participant, plus a lodging fee if necessary. The fee covers use of the equipment and facilities in addition to instruction. Units are responsible for bringing their own food, cooking utensils, and sleeping gear.

Camping Fees:

- Campsites: Free
- Invention Lab: \$50 a night per unit
 - o Fully-furnished kitchen (stovetop, oven, refrigerator, coffee maker, microwave, sink), 2 bathrooms with showers, a full grill, wide-screen monitor for movies (no gaming systems allowed), and is climate-controlled
- Parkhurst: \$75 a night per unit
 - o Fully furnished kitchen, bathrooms with showers, climate-controlled

Requirements: A maximum number of 30 individuals may participate in each of the Invention Weekends. Participants must be registered members of a Boy Scout Troop, Venture Crew, or Explorer Post. A short-term camp reservation form must accompany this reservation. Participants who have never been to the Lake of the Ozarks Scout Reservation, should bring their BSA Physical Form Parts A & B to camp with them.

To make a reservation for one of the Invention Weekends, please fill out the information below and attach a short-term reservation form. Please send to: Great Rivers Council, 1203 Fay Street, Columbia, MO 65201. Please make all reservations a minimum of 2 weeks prior to your selected dates. If sent under two weeks, reservation may not be guaranteed. Payment due before or upon arrival.

Leader's Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Email: _____

Troop #: _____ District: _____

Please reserve _____ spaces for the Invention Weekend on _____.

My unit will be participating in (circle): Merit Badge/Adventure Weekend Project Weekend

If circled Merit Badge Invention Weekend, please indicate which merit badge or adventure the unit will be completing below (*it is highly recommended for 1st time units to complete the Inventing Merit Badge first*):

If circled Project Invention Weekend, please indicate what equipment your unit plans on using (for a comprehensive list of equipment, please go to <http://www.inventionscouts.org/lab/invention-lab->

[equipment-list](#)) For example write down: table saw, drills, epilog laser, etc. Do not need to be extremely specific.

Please note for certain equipment such as the table saw, knife sander, and jigsaw, the council must approve the unit's access. A qualified adult, volunteer, or staff member must be present and in charge of the usage of such equipment.

Please list the names of all participants (youth and adult) below. Please send this form attached to a short-term camping form to the Great Rivers Council at 1203 Fay St Columbia, MO 65201. This must be done at least 2 weeks before your scheduled date of arrival to guarantee reservation. Payment of \$15 per scout or adult is due before or upon arrival.

1.	2.
3.	4.
5.	6.
7.	8.
9.	10.
11.	12.
13.	14.
15.	16.
17.	18.
19.	20.
21.	22.
23.	24.
25.	26.
27.	28.
29.	30.