

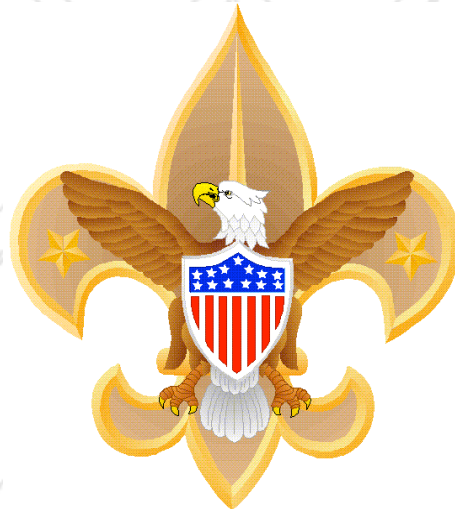
Troop 349

Pioneering Campout

Elizabeth Furnace Campground

George Washington National Forest

Fort Valley, VA



MARCH 17-19, 2017

Deadline for permission slip & payment:

Tues, Mar 14



Elizabeth Furnace was a [blast furnace](#) in the [Shenandoah Valley](#) that was used to create [pig iron](#) from [1836](#) – [1888](#) using [Passage Creek](#) for water power. [Iron ore](#) was mined nearby, purified in the furnace, and then pig iron was transported over the [Massanutten Mountain](#) to the South Fork of the [Shenandoah River](#) for forging in [Harpers Ferry, West Virginia](#). The road used to transport this iron is still used today by hikers climbing to the top of the Massanutten Mountain. Much of the original stone structure still exists, as well as a restored cabin, and an outdoor recreation area.

The Elizabeth Furnace recreation area, located in [George Washington National Forest](#) just north of [Fort Valley, Virginia](#).

*** Currently the group camp has no running water. Bring all your drinking water. ***

Each group site is equipped with tent pads (12' x 16'), fire grate, fire ring and three picnic tables. There is no trash service. Visitors are responsible for bagging their trash and packing it out with them when they leave.

Weather outlook: Assume 40s during the day, 20s at night. Bring rain gear and layers so you can add or take off during the day.

Ten Minute
Tower

"A boy on joining wants to begin Scouting right away." Lord Baden-Powell

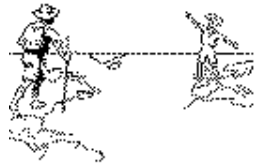


Pioneering Merit Badge

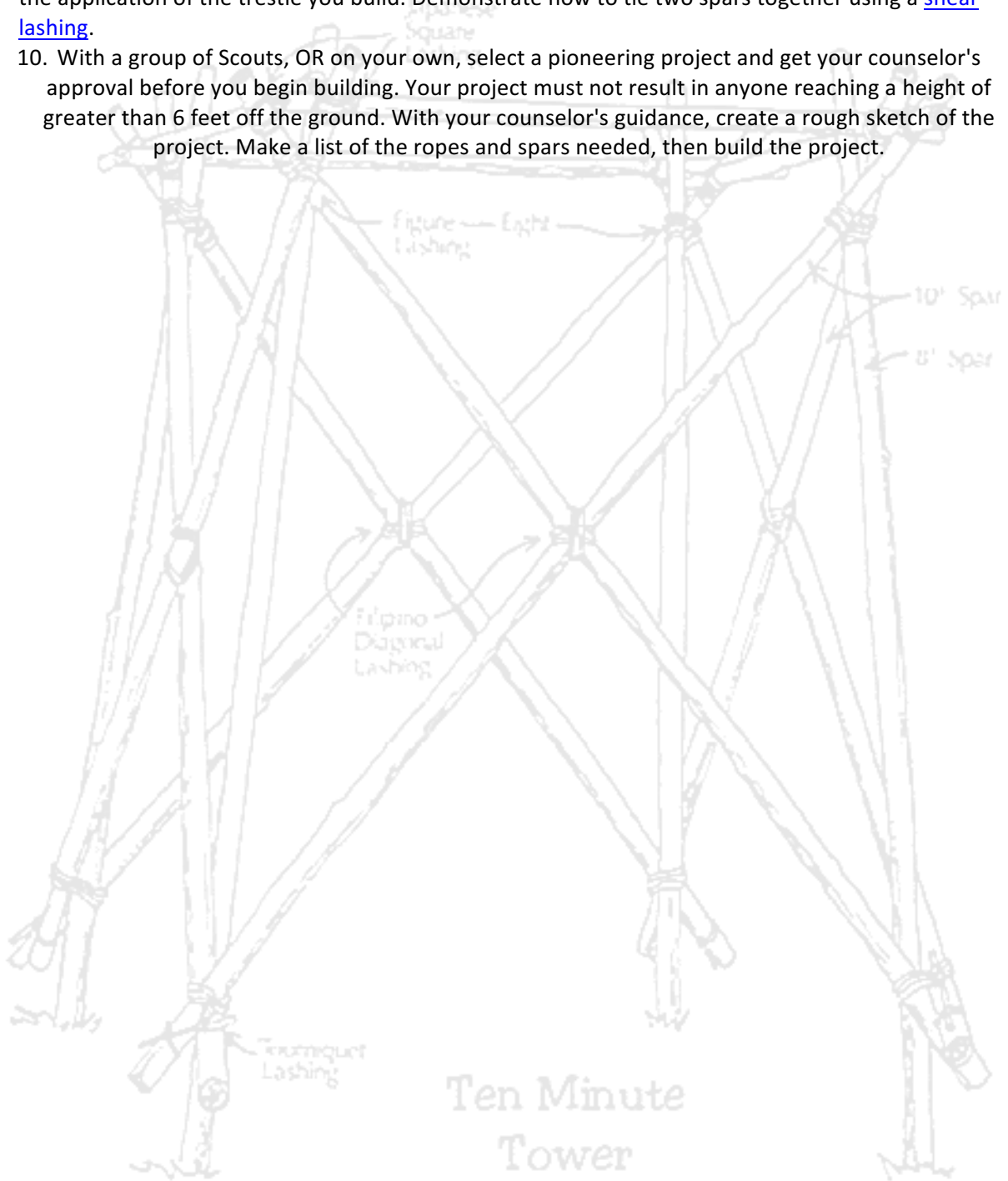
The Pioneering merit badge was one of the original 57 merit badges issued by the Boy Scouts of America in 1911. Requirements for the Pioneering merit badge:

1. Do the following:
 - a. Explain to your counselor the most likely hazards you might encounter while participating in pioneering activities and what you should do to anticipate, help prevent, mitigate, and respond to these hazards.
 - a. Discuss the prevention of, and first aid treatment for, injuries and conditions that could occur while working on pioneering projects, including [cuts](#), [scratches](#), [insect bites](#) and [stings](#), [rope burns](#), [hypothermia](#), [dehydration](#), [heat exhaustion](#), [heatstroke](#), [sunburn](#), and [falls](#).
2. Do the following:
 - b. Successfully complete [Tenderfoot](#) requirements 4a and 4b and [First Class](#) requirements 7a, 7b, and 8a. (These are the rope-related requirements.)
 - c. Tie the following: [square knot](#), [bowline](#), [sheepshank](#), [sheet bend](#), and roundturn with two half hitches.
 - d. Demonstrate the following: tripod and round lashings.
3. Explain why it is useful to be able to throw a rope, then demonstrate how to coil and throw a 40-foot length of 1/4- or 3/8-inch rope. Explain how to improve your throwing distance by adding weight to the end of your rope.
4. Explain the differences between synthetic ropes and natural-fiber ropes. Discuss which types of rope are suitable for pioneering work and why. Include the following in your discussion: breaking strength, safe working loads, and the care and storage of rope.
5. Explain the uses for the back splice, eye splice, and short splice. Using 1/4- or 3/8-inch three-stranded rope, demonstrate how to form each splice.
6. Using a rope-making device or machine, make a rope at least 6 feet long consisting of three strands, each having three yarns.
7. Build a scale model of a signal tower or a monkey bridge. Correctly anchor the model using either the 1-1-1 anchoring system or the log and stake anchoring method. Describe the design of your project and explain how the anchoring system works.
8. Demonstrate the use of rope tackle to lift a weight of 25 pounds and pulling a log at least 6 inches in diameter and 6 feet long with the tackle. Use the tackle to put tension on a line. Explain the advantages and limitations of using a rope tackle. In your explanation, describe the potential damage that friction can do to a rope.

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9. By yourself, build an A-trestle OR X-trestle OR H-trestle using [square](#) and [diagonal lashings](#). Explain the application of the trestle you build. Demonstrate how to tie two spars together using a [shear lashing](#).
10. With a group of Scouts, OR on your own, select a pioneering project and get your counselor's approval before you begin building. Your project must not result in anyone reaching a height of greater than 6 feet off the ground. With your counselor's guidance, create a rough sketch of the project. Make a list of the ropes and spars needed, then build the project.



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Friday, March 17

Time	Event	POC	Remarks
1630	Arrive American Legion	SPL, QM	Class A uniform for travel
1715	Depart	SM	
1930	Arr Eliza Furnace Grp Campground		Sunset 7:17 PM
2000-2100	Camp site set-up	SPL, QM	Class B uniform 3/4 Moon
2100-2130	Cracker Barrel	SM	Informal meeting, lesson, & snack
2130	PLC meeting	SPL & SM	Hot wash & planning
2200	Lights out		

Saturday, March 18

Time	Event	POC	Remarks
0700	Wake-up	SM & SPL	Sunrise 07:14 AM
0700-0900	Breakfast and clean-up	By Patrol	
0900-1100	Pioneering	SPL & SM	Class B uniform
1100-1200	Purchase Firewood		For evening troop campfire
1200-1330	Lunch	By Patrol	
1330-1530	Pioneering	SPL & SM	All
1530-1700	Free time		Badge requirements? Hiking?
1700-1830	Supper	By Patrols	Sunset 7:18 PM
1900-2000	Troop Campfire	SPL	
2030-2100	Cracker Barrel		Informal meeting, lesson, & snack
2130	PLC meeting (if needed)	SPL & SM	All adults welcome
2200	Lights out		

Sunday, March 19

Time	Event	POC	Remarks
0700	Wake-up	SM & SPL	Sunrise 07:13 AM
0700-0830	Breakfast, clean-up	All	
0830-1000	Break camp	SPL & PLs	
1000	Depart	All	
1130	Arrive at American Legion		

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Normal Temperatures:

24/7 Emergency Room:

Warren Memorial Hospital
1000 Shenandoah Ave
Front Royal, VA
Phone: 540-636-0300


Directions:

Drive I-66 W for 60 miles to **Exit 6 “US-340 S/US-522” S** toward **Front Royal**

L onto **US-340/SR-522 S /Winchester Rd** for 1.2 miles - until you come to a stoplight

Turn **R** onto **VA-55 W/Strasburg Rd**, 5.1 miles, to the small community of Waterlick

Turn **L** onto **SR-678/Fort Valley Rd**, 3.6 miles, to recreation area on left

There are three entrances, about a half mile apart. Entrance to our **Group Campground**  [38.932424°N 78.321168°W](https://www.google.com/maps?q=38.932424°N+78.321168°W) is the first (and on the left).

If you do not know how to enter latitude and longitude coordinates into your GPS, you should be able to put “Elizabeth Furnace Recreational Area” in Google Maps or here is an APPROXIMATE street address to get you in the vicinity:

15500 Fort Valley Road
Fort Valley, VA 22652

If there is cell phone coverage, Andrew Mitchell 571.277.7905

Until our next adventure

Ten Minute
Tower

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BSA TROOP 349, FALLS CHURCH, VA PERMISSION SLIP

Event: Elizabeth Furnace Camping Trip / Pioneering Merit Badge

Location: Elizabeth Furnace Recreation Area

Date: March 17 - 19, 2017

As the parent or legal guardian of: _____

- I give my permission for him to participate in this outing with Troop 349.
- I will provide transportation. Out Back Both
Including driver, my vehicle holds _____ people.
- Name(s) of Parent(s) planning to attend: _____ Parent cell #: _____
- My Scout understands: All travel is in Class A uniform
No electronics permitted (iPod, MP3, cell phone, etc)
- Funds attached: \$30 per participant (covers food, lodging, mileage, camping area)

I give permission to the uniformed adults of Troop 349 to render first aid. In the event of emergency, I give permission to the physician selected by the adult leader-in-charge, to hospitalize, order anesthesia, order injection, or secure other medical treatment, as s/he determines to be appropriate. I further agree to hold Troop 349 and its uniformed adults blameless for any mishaps that may occur during this outing, except for clear acts of negligence or non-adherence to BSA policies and guidelines.

In case of emergency, I can be reached by phone at: _____ or: _____

If I cannot be reached, contact: _____ Phone: _____

Medical Insurance company: _____ Policy number: _____

My son: Has the following medical condition(s) that uniformed adults must be aware of:

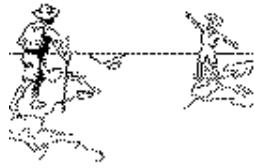
- _____
- Has no medical condition.
- Requires the following medication(s) that uniformed adults must supervise and assist in administering (also provide time & quantity):

Takes no medication

Signed: _____ Date: _____
(Parent or Guardian)

DUE WITH PAYMENT BY MARCH 14, 2017.

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Cold Weather Packing Checklist

Note: This list is in addition to clothes worn to campout.
Wear your Class A Scout uniform for travel.

Remember: "Cotton Kills" & "Always pack for one season *colder* than now."

Sleeping Gear:

- Backpack or duffle bag (lined w/plastic bag to keep contents dry)
- Sleeping bag
- Pillow Case (to be stuffed with your down jacket or clothing)

Clothes:

- Winter coat or vest
- Warm cap
- Gloves or mittens
- Sunglasses
- Pants
- 2 Long sleeve shirts
- Class B shirt
- Class B fleece or vest
- 2 Underwear
- Long underwear, top & bottom
- 2 pair wool or acrylic socks
- Hiking boots or walking shoes (no open-toe sandals)

Safety, Kitchen & Toiletry, Miscellaneous:

- Personal 1st Aid Kit (BSA Handbook p. 289)
- Water bottle, filled
- Pen/pencil & pocket-sized notepad
- Scout Handbook
- Book for reading
- Whistle on neck lanyard
- Compass with a base plate
- Toiletry kit (hand soap, toothbrush, toothpaste, floss, comb, small towel)
- Toilet paper (half a roll in a Zip-Lock bag)
- Flashlight/head lamp & extra batteries (keep easily accessible in backpack)
- Two garbage bags (for storage of items; for trash cleanup at end of campout)
- Camera