



# Blacksmithing

*Knowledge and experience in the way things used to be done develops an interest in the pioneer history of our country. The blacksmithing trail badge introduces the Trailman to the history of metal working, as well as an appreciation of hand-made tools and metal art.*

Name \_\_\_\_\_

## Do all of the following requirements (1-5)

- \_\_\_\_1. Participate in individual or group blacksmith learning activities that cover at least the following:
  - \_\_\_\_a. History of blacksmithing
  - \_\_\_\_b. Different types of metals and their uses in blacksmithing
  - \_\_\_\_c. Commonly used blacksmithing equipment and tools
  - \_\_\_\_d. Blacksmithing terms: iron, steel, cast iron, mild steel, slag, clinkers, coal, coke, scale, charcoal, anvil, forge, drawing, and upsetting
- \_\_\_\_2. Participate in a blacksmith safety orientation so that you know the injury risks, safety rules, safety gear, and safe clothing for blacksmithing.
- \_\_\_\_3. Participate in one of the following blacksmithing skills learning activities:
  - \_\_\_\_a. Blacksmithing class or workshop
  - \_\_\_\_b. Blacksmith apprentice volunteer or worker
  - \_\_\_\_c. Other hands-on learning blacksmithing experience
- \_\_\_\_4. Make three different items by blacksmithing. Preserve each item from oxidation by cleaning and applying a finish. Suggested items to make include: a tent stake, a wall hook, a fire poker, a candleholder, and a key fob. Include the following techniques:
  - \_\_\_\_a. U-shaped bend in at least one item
  - \_\_\_\_b. L-shaped bend in at least one item
  - \_\_\_\_c. Decorative twist in at least one item
- \_\_\_\_5. Share your projects by doing one of the following:
  - \_\_\_\_a. Display your completed items at a troop meeting.
  - \_\_\_\_b. Enter your completed items in a local or county fair.
  - \_\_\_\_c. Use your completed items at home or on a camping trip.

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Trail Badge Mentor Signature

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Date

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