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.

_________________________________________   ____________________________
Trail Badge Mentor Signature                  Date
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