PLUMBING MERIT BADGE REQUIREMENTS

Additional checkoff sheets and helps are available from ScouterMom.com.

1. Do the following:										
1a. Describe how a properly working plumbing system protects your family's health and safety.										
1b. List fve important local health regulations related to plumbing and tell how they protect health and safety										
1c. Describe the safety precautions you must take when making home plumbing repairs.										
2. Do the following:										
2a. Make a drawing and explain how a home hot- and cold-water supply system works. Tell how you would make it safe from freezing										
2b. Make a drawing and explain the drainage system of the plumbing in a house. Show and explain the use of drains and vents										
3. Show how to use fve important plumber's tools										
4. Identify and describe the use of each of the following: washer, retaining nut, plunger (rubber force cup), solder, fux, elbow, tee, nipple, coupling, plug, union, trap, drainpipe, and water meter.										
5. Name the kinds of pipe that are used most often in a plumbing system. Explain why these pipes are used.										
6. Cut, thread, and connect two pieces of metal pipe.										
7. Under the supervision of a knowledgeable adult, solder three copper tube connections using a gas torch. Include one tee, two straight pieces, and one coupling.										
8. Do the following:										
8a. Replace a washer in a faucet.										
8b. Clean out a sink or lavatory trap.										
Completed										
Presented										