

## Electricity Merit Badge – Home Inspection Checklist and Electrical Wiring Map

Scout Name \_\_\_\_\_ Date \_\_\_\_\_ Parent Signature \_\_\_\_\_

Complete an electrical safety check at your home. Be able to discuss what you find.

### Electrical Cords & Outlets

Inspect all wires and cords for fraying or damage. Are all wires and cords in good condition?

Yes  Problems found and corrected.

Are wires and cords kept out from beneath furniture and carpets?

Yes  Problems found and corrected.

Are outlets properly used and not overloaded?

Yes  Problems found and corrected.

Are indoor extension cords only used inside?

Yes  Problems found and corrected.

Do your outlets in bathrooms or near water have ground fault circuit interrupters?

Yes  Problems found and corrected.  
(Professional electrician will be needed)

### Circuit breakers/fuses

Do you have the correct size and rating for your circuit breaker/fuse box?

Yes  Problems found and corrected.  
(Professional electrician will be needed)

If you have fuses, do any fuses need to be replaced?

Yes  Problems found and corrected.

### Appliances

Are electrical appliances, such as refrigerators, computers and video game equipment well ventilated to avoid overheating?

Yes  Problems found and corrected.

Are electrical items, such as the television, stereo, curling iron and hair dryer kept away from water to avoid accidental electrocution?

Yes  Problems found and corrected.

Are hot items like toasters and coffee makers clear of flammable items?

Yes  Problems found and corrected.

### Outdoor safety

Are extension cords used safely? (Check if they in the way of lawn mowers and other equipment like power tools.)

Yes  Problems found and corrected.

### Lightning

Do you use electrical equipment during lightning storms?

No  I didn't know this was a problem

Do you have surge protectors on electrical equipment to protect it during electrical storms?

Yes  Problems found and corrected.

### Space heaters

Are space heaters and other heating devices UL listed and always kept at least 3 feet away from other objects?

Yes  Problems found and corrected.

Are space heaters turned off before going to bed?

Yes  I will remember to do this.