

# Home Maintenance



1. Identify the following tools and know their use:

- |                          |                  |                           |
|--------------------------|------------------|---------------------------|
| a. Hammer                | g. Vise grip     | m. Drill and bits         |
| b. Screwdriver, regular  | h. Square        | n. Plumb line             |
| c. Screwdriver, Phillips | i. Level         | o. Retractable steel tape |
| d. Pliers, regular       | j. Saw, hand     | p. Miter box              |
| e. Pliers, needle nose   | k. Saw, hack     |                           |
| f. Wire cutters          | l. Saw, circular |                           |

2. Demonstrate ability to drive at least six nails out of ten into wood, without bedding the nail.

3. Using a drill of your choice, drill a hole in wallboard and install an anchor ( molly ) and screw.

4. Install two screws in wood. Show ability to use both regular and Phillips types of screw drivers.

5. Demonstrate ability to rewire a simple plug--as installing a new plug on a lamp cord or repairing an existing one.

6. Using square and handsaw, demonstrate ability to saw a board at right angles.

7. Describe how to hang a picture, including the tools you would use. What would you do differently to hang a 35 pound picture, than you would to hang a 2 pound picture?

8. Prepare a simple tool box. Use of actual tools is encouraged, but pictures may be used instead.

- What points should be considered in selecting a container for your tools?
- Why is it important to buy good quality tools even if it means fewer tools?
- Give at least one user for each tool you select for your tool box.
- How should you care for your tools?

9. What should you do if you discover a broken water pipe?

- If electricity is involved?
- If electricity is not involved?

10. Demonstrate how to replace a worn faucet washer.

11. What should you do if a drain becomes clogged?

- What is a plunger? How would you use it to open a clogged drain?
- What precautions should be taken when using chemical drain openers?

**Skill level 2**

## Home Maintenance Answers

8. a. Answer should include: Durability, storage, & protection the container will provide  
from weather, safety. Expense does not dictate a good container.
  - b. Answer should include: Cheap tools are not always safe. Cheap tools have to be replaced more often, so end up being more expensive. Good quality tools are usually easier to work with.
  - c. Answer should include: PUT THEM AWAY, properly clean your tools when finished, and keep them dry.
9. Answer should include: If you can safely get to the shut-off valve, turn off the water supply. DO NOT STEP IN OR TOUCH THE WATER IF THERE IS ANY CONTACT WITH ELECTRICITY! If electricity is involved, call an electrician immediately. Discuss when and how you can do the repair yourself and when you need to call a plumber.

OBJECTIVES: To encourage skills necessary in daily life. To provide a very basic knowledge of tools this would allow the Pathfinder to be more successful in a helper role. To increase appreciation of those who do these skills for us.

CAUTION: This honor can be taught very safely if the Pathfinder is attentive to safety and follows instructions. There is no wisdom in trying to teach this honor to irresponsible or careless individuals. Use of eye goggles is advised while using saw, drill, or wire cutters.

TIME REQUIRED: The following are estimates based upon minimal knowledge of the tools and average ability to learn. Estimates are intended to be generous. Using these estimates, the entire honor could be taught and skills practiced in approximately 3 hours for a small group.

- |            |            |             |
|------------|------------|-------------|
| 1. 20 min. | 5. 20 min. | 9. 20 min.  |
| 2. 30 min. | 6. 15 min. | 10. 15 min. |
| 3. 5 min.  | 7. 5 min.  | 11. 10 min. |
| 4. 5 min.  | 8. 30 min. |             |

COST: Negligible. Tools can be borrowed and scrap boards are usually available from one of the builders in the congregation. Perhaps, you will have to purchase some nails and screws.

### REFERENCE:

Reader's Digest Complete Do-It-Yourself Manual, the Reader's Digest Assoc., Pleasantville, NY. Copyright 1973.