



DO-IT-YOURSELF

COMPLETE SIX ACTIVITIES.

1 Visit a hardware store or someone's workshop and find out:

- The name and proper use of tools that could be used to: cut glass, spread putty, mend a crack in plaster, paint a room, square a corner, level a table, cut wood, or pull out a nail. Review the list of tools in the "Simple Home Repairs" section of Chapter 4 in the *Junior Girl Scout Handbook* before making your visit.
- The proper care and safe storage of tools.

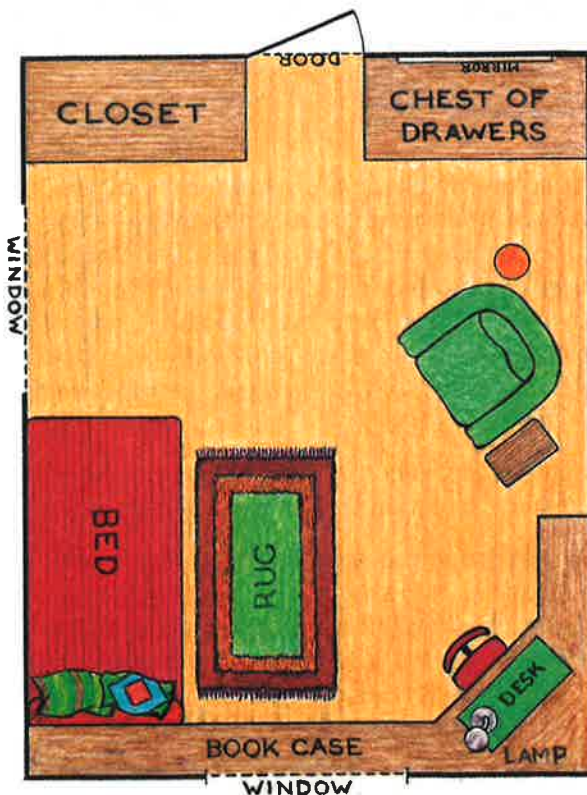
2 Visit a lumberyard or home supply store or talk to a building contractor or mason to find out about some of the following:

- The best kinds of building materials to use in your area.
- The kinds of exterior care needed for homes and buildings in your area.
- Different types of paint and how they are used.
- Different materials that are used for the interiors and exteriors of homes.
- Materials that can be used to save energy.

Share what you have found out.

3 Learn about the drawings, blueprints, or plans that are used to guide work on building projects. Have a professional engineer or other adult explain how blueprints are used to make repairs or to build a new project.

Make your own building plan to redesign a room in your home.



1 FOOT = 1/4 INCH

- 4 Create something out of wood that involves boring one or more holes, using nails or other types of material fasteners, and measuring and cutting the wood.
- 5 Watch a building or repair project going on in your town or neighborhood. Observe the work on several different days. Find out as much as you can about what is being built and keep a record of what you see.
- 6 Create a model of your dream house. Be able to explain to others what materials you would use to build the house and why you chose those materials.
or
With a model construction set, build at least one of the models suggested in the directions that come with the set and build two other models of your own design.
- 7 Discover ways in which you can make your home more energy-efficient. Local utility and power companies often have special exhibits, booklets, or consultants who can help you. With the help of your family, practice one of the energy-saving methods you have learned about.

- 8 Talk with a home economics teacher, someone at a local hardware or home center store, or another adult to learn how to remove common household stains. Choose from the following list, to discover how to remove stains from three different materials: aluminum, brass, bronze, copper, brick, stone, cement, synthetic carpeting, wool carpeting, formica, lacquer furniture, leather, linoleum, vinyl flooring, marble, porcelain, silver, ceramic tile, and wood.
- 9 Take on a project of reupholstering, recaning, or retaping the seat of a chair. Find out what materials and tools are needed for the project. Share your completed project and how you accomplished it with your troop/group.
- 10 Read the owner's manual and find out about the repair and maintenance for a piece of equipment or large appliance in your home.
- 11 Write to the Consumer Information Center, Pueblo, Colorado 81009, to find out what materials and resources are available to help you with this badge. Look for information that will compare different products, identify faulty equipment, and describe repair techniques.

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Date badge completed

My signature

Leader's signature