

## CATEGORY B

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### SUBJECT:

### HOME REPAIR

### OBJECTIVE(S)

To acquire the knowledge and ability to use tools and materials as well as improvise same.

### PREREQUISITES

None.

### INSTRUCTORS/EVALUATORS

Teachers of industrial arts or technical subjects, maintenance repair person, parents, or other qualified adult members of the community.

### REFERENCES AND MATERIALS

- Home repair guides
- Local Board of Education/schools
- Internet

### CONTENT

Where a candidate decides to take part in a specific course of instruction, a minimum of 10 hours must be devoted to the subject. Whether through course instruction and/or working independently, the candidate must qualify for the specific requirements as outlined in this syllabus.

- A. The candidate must demonstrate to the Instructor's/Evaluator's satisfaction a knowledge of the following:
- 1) the procedure to be followed when it is necessary to shut down some or all of the electrical circuits in the home;
  - 2) the method to be used in replacing or resetting a fuse which has "blown";
  - 3) the procedure for shutting off the water supply to the home;
  - 4) the procedure for replacing a washer in a dripping water tap;
  - 5) the proper use of simple household tools (hammer, screwdriver, rawlplugs, screws and nails).
- B. The candidate must show by explanation or actual demonstration) that they are able to do *eight* of the following:
- 1) cut a pane of glass to size;
  - 2) use glazers points and repair a window sash with putty;
  - 3) remove a nut which has rusted onto a bolt;
  - 4) replace wood screws in a hinge where the old holes are too large;
  - 5) put "mendits" in small hole in "pans";

6) resolder an old broken solder joint;

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- 7) sharpen carving and jack knives on an oil stone;
- 8) mix up "two part" epoxy to make glued repairs;
- 9) splice small gauge (14,16) electrical wires and cover the splice;
- 10) correctly repair a puncture, inflate and hand test the pressure in a bicycle tire;
- 11) clean a paint brush which has become hard;
- 12) light a naphtha gas-burning lantern (Coleman type), clean glass and replace mantle;
- 13) put new ends on a lawn hose;
- 14) clean a clogged sink requiring removal of the trap;
- 15) repair a broken door handle;
- 16) put up a simple shelf with plastic wall shields (plugs).

C. The candidate may choose *one* of the following "projects" which will be submitted to the Instructor/Evaluator for assessment:

- 1) Make a drawing of the rooms of the home, identifying and labeling all electrical circuits, switches and plugs. The drawing must show clearly the specific circuit to which each switch and plug belongs.
- 2) Renovate a chair or other piece of furniture, or make a household article or labour-saving device from an old piece of furniture or scrap material.
- 3) Prepare, in detail, a plan for the redecorating of a room in the home, including the suggested colour scheme, and the types of materials to be used. In addition, the candidate must demonstrate a knowledge of the use and application of various types of paints and emulsions, varnishes and lacquers.

\* Note: A candidate wishing to complete a project not mentioned above may do so provided they submit the plan for the project and receive approval in advance for the prospective instructor/evaluator. Instructors/Evaluators are asked to ensure that the extent and quality of the proposed project are equivalent to the ones detailed above.

### **DURATION**

As required.

### **CERTIFICATION**

As per above-mentioned content description.

**CERTIFICATION OF SUCCESSFUL COMPLETION OF PROFICIENCY SUBJECT**

**HOME REPAIR**

Instructors/Evaluators should carefully consider the age, ability and accessibility to resource materials of each candidate.

The candidate has completed the above content and meets the requirements to the satisfaction of the Instructor/Evaluator.

Name of Instructor/Evaluator: \_\_\_\_\_

Agency: \_\_\_\_\_

Address: \_\_\_\_\_ Tel #: \_\_\_\_\_

Instructor qualifications: \_\_\_\_\_

I certify that

\_\_\_\_\_ of \_\_\_\_\_  
(candidate's name) (Division #)

meets the criteria of this proficiency subject, as laid out on the previous page(s).

\_\_\_\_\_  
Instructor/Evaluator (signature) Date

\_\_\_\_\_  
Divisional Superintendent (signature) Date