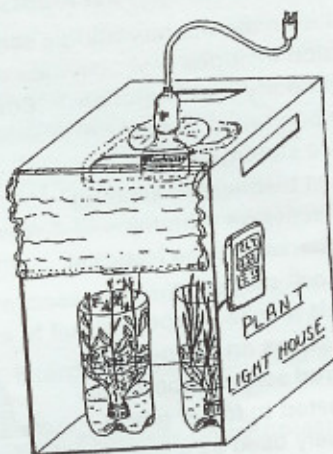


Constructing a Plant Light House

Materials

- an empty copy paper box
- aluminum foil
- electrical cord with socket
- small plastic plate or lid
- glue stick
- clear tape ($\frac{3}{4}$ ")
- scissors
- 30-W fluorescent circle light
(Lights of America) or a
39-W GE circle light



Construction

1. Cut a 1" hole in the center of a plastic plate and trim off edges to make approximately a 4-5 inch disk with a center hole.
2. Cut two 4- x 14-cm ventilation slots in top, upper side, and back of box as shown.
3. Cut a 1" diameter hole in the center of box side. This will become the top of the light house.
4. Apply glue stick to each inner surface and past aluminum foil to cover entire inner surface. Use clear tape to reinforce corners and edges if you wish.
5. Insert light fixture base through hole in top and through plastic plate. Secure fixture by attaching socket.
6. Tape an aluminum foil curtain over the open side of the box. This will become the front.
7. Strengthen curtain edges with tape. Tape or clip weights (e.g., wood strip) on bottom of curtain. Your Light House is ready!

Remember: Fast Plants require 24 hours of light. Keep plants 10 cm from the light source.