

Build a Birdfeeder

Marla Cohen

Concepts:

Students will recycle throw-away objects into birdfeeders.

Objectives:

1. Design and build a birdfeeder out of throw-away items.
2. Students will learn one way to decrease trash build-up by reusing it.

Time Required:

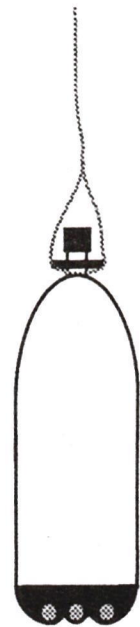
45 - 60 minutes

Level:

5th grade to adult

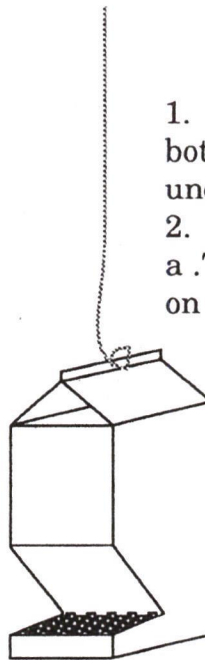
Materials:

Rinsed clean half gallon milk cartons
Plastic two liter soda bottles
Plastic gallon milk jugs
acrylic paint
Sharp cutting tools



Milk Carton Feeder

1. Mark a line .75" from the bottom on the front of the carton.
2. 2" in on the left side make a 1" mark. Draw a diagonal line from the corner of the .75" line to the 1" mark. Repeat on the right side.
3. On the left side draw a 4" line on a diagonal from the 1" mark up to to the corner of the on the front of the corner. Repeat on the right side.
4. Cut along these lines creating a flap. Fold the flap inward.
5. Punch a hole through the top for a hanging string.
6. Paint with non-toxic paint.



2-Liter Bottle Feeder

1. If the bottle has a dark plastic bottom cap (like a Pepsi bottle), wash under hot water and pull the cap off.
2. In each node of the bottom make a .75" cut across. Then cut upward on a diagonal .75" of an inch so the top of the flap is 1" wide.
3. Punch a hole through the bottle cap for a hanging string.

Gallon Milk Jug Feeder

1. Mark a 1" line half way around the milk jug.
2. Cut along this line and then cut a half circle out. Cover edge with masking tape.
3. Punch a few drainage holes in the bottom.
4. Paint
5. Use the handle to tie to a tree.

