

Plastics

Plastic makes up 13% of municipal solid waste



Paper or Plastic?

All three are made of paper **BUT** covered with a coating of polyethylene- a type of plastic.

Solitary Bee Hotel

Directions



1. Rinse out a plastic drink bottle and peel off the label. Let the bottle dry.
2. Have an adult cut off the top of the bottle.
3. Cut 30 rectangles 2 inches by 6 inches from the bags.
4. Place a rectangle on the table and place the pencil on it lengthwise. Pick up one end of the paper and roll it tightly around the pencil. Repeat many times.
5. Place the round tubes in the bottle.
6. Attach the string around the bottle and hang it up.

Supplies

Drink bottle
Paper grocery bags
Ruler
Scissors
String or twine

OR



Place plastic straws inside of a pot.
Place your hotel in the garden.

Greenhouses



Place your egg carton filled with soil and seeds into a plastic bag.
Tie the bag closed and let the light energy convert into heat energy.
Watch for your seedlings to pop up.
Remove the plastic bag before the seedlings become too tall.

OR



Recycle a container with a deep rather than shallow bottom. The seeds will be able to establish stronger roots in a deeper container.

Place soil and seeds in the bottom.

Place the lid back on the container and watch your greenhouse do its job.

Bird Feeders Plain or Fancy



Repurpose a juice or milk carton into a feeder.
Design your own.

Greenhouse or Flower Pot?



Cut a gallon jug in half. Use the top as a greenhouse on young plants in your yard to protect them from cold weather.

Use the bottom half as a planting container for your new plants.

Watering Container



Have an adult help you drill or punch small holes into the lid.

Avoid big holes because the water will flow out too quickly.

Rain Gauge



Have an adult cut off the top of the bottle.

Place the cut end upside down into the container. This will allow the water to enter slowly rather than gushing out of the bottle.

Use a ruler to mark measuring increments of inches or centimeters.

After it rains, find out how much water fell into your gauge.