

The Stormwater Game

Assembling the Game Pieces

Materials Needed:

4 Copies of the “Rain Drop” page
1 Copy of each additional page (more if desired)
9” x 11” Blue, Brown, Green and Yellow construction paper
Scissors
Glue
Paper Punch
Twine or gimp
Laminating equipment (if desired)

Each game piece consists of a “front” and “back” with a piece of colored construction paper sandwiched in the middle. The front of each piece shows a stormwater word with an associated picture. The back of each Rain Drop piece gives water facts. The back of each pollutant piece gives a statement about the consequence of this type of pollution.

Print and cut the **Stormwater Game** pieces apart. Match each front piece with it’s associated back piece. Sort the game pieces into 4 categories: Rain Drops, Lawn and Garden Pollutants, Automotive Pollutants, and Trash. Cut 9” x 11” pieces of colored construction paper in half widthwise, one for each finished stormwater game piece: **blue** paper for Rain Drops, **green** paper for Lawn and Garden Pollutants, **brown** paper for Automotive Pollutants, **yellow** paper for Trash.

Trim front and back pieces so that a colored construction paper border will be visible on the finished game piece, and glue the three pieces of paper together: front / construction paper / back. Now is the time to laminate your finished pieces if desired.

Using a paper punch, punch a hole in each of the two top corners of each finished game piece. Cut twine or gimp into 30” long pieces, and thread one end through each hole. Knot twine securely.

Now you’re ready to play!



Rain Drop



Rain Drop



The average person uses
1 gallon of water each
day to brush their teeth.



There is the same amount of
water on Earth today as there
was when the Earth was formed.
The water from your faucet could
contain molecules that dinosaurs drank.



Watering a typical lawn
uses 180 gallons of water.



Taking a shower uses
15 to 30 gallons of water.



People need clean
drinking water
in order to stay healthy.



Aquatic animals and
plants need clean
water to live in.



The average person
drinks $\frac{1}{2}$ gallon
of water each day.



A person can live about a month
without food, but only about a
week without water.

Grass Clippings



Fertilizer

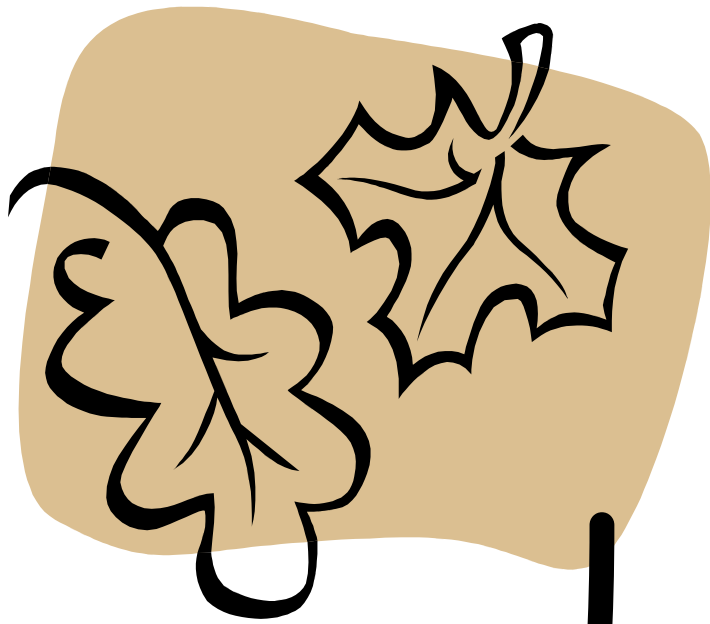


When **grass clippings** decay in water, the process takes oxygen away from fish and other aquatic animals.



Fertilizers in our waterways can lead to excess plant growth. When these plants die and decay, the process uses up the oxygen that fish and other aquatic animals depend on.

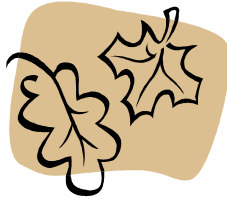




Leaf Litter



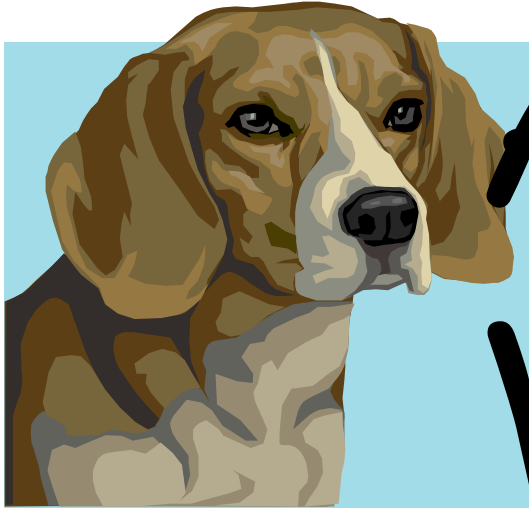
Pesticides



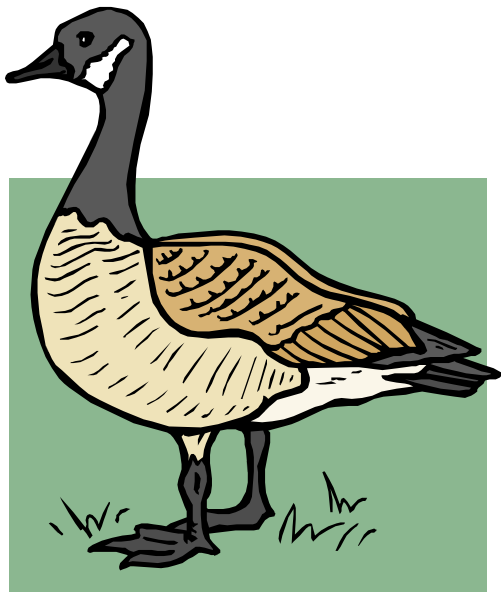
Leaf litter uses oxygen when it decays in water. Fish and other aquatic animals need oxygen to live.



Pesticides in water can harm fish and other aquatic animals. People can also be harmed by **pesticides** in the water that they drink.



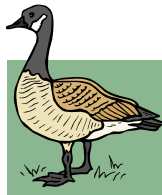
Animal
Waste



Animal
Waste



Animal waste in water can
be a source of germs and disease
and can lead to beaches being closed.



Animal waste in water can
be a source of germs and disease
and can lead to beaches being closed.



Car
Wash
Soap



Oil



Phosphates in car wash soap can cause excess plant growth in waterways. When the plants decay, the process takes oxygen away from fish and aquatic animals.



The fluids that we use in our cars can be poisonous to fish and other aquatic creatures.



Gasoline



Antifreeze



The fluids that we use in our cars can be poisonous to fish and other aquatic creatures.



The fluids that we use in our cars can be poisonous to fish and other aquatic creatures.



Trash

empty soda cans



Trash

plastic drink cups



Trash is not only unsightly;
it can clog the waterways where
fish and other animals live.



Trash is not only unsightly;
it can clog the waterways where
fish and other animals live.



Trash

used paper products



Trash

candy wrappers



Fish and aquatic animals
sometimes become sick or die from
eating trash floating in the water.



Fish and aquatic animals
sometimes become sick or die from
eating trash floating in the water.



Trash

Plastic bags



Trash

water bottles



Trash can release toxic chemicals into the water as it decays.



Trash can release toxic chemicals into the water as it decays.