

Lesson Plan 7 - Nonpoint Source Pollution - Activity Sheet 2

WATER POLLUTION WATER DROPS

Name: _____ Date _____

Instructions: Cut out the cards. Read the scenario on the card. Follow the directions on the card using the storm drain model you made.

<p>Mr. Boudreaux has two large lemon trees near his porch that attract a lot of undesirable insects like aphids. He sprayed his trees thoroughly with an insecticide and shortly afterward a storm occurred. Much of the chemical was washed into the soil and then into the nearby storm drain.</p> <p>Drop two green drops of food color onto the plastic lid of the model and spray it with water into the storm drain.</p>	<p>There is a small stream behind Sally's school. She notices that the edges of the stream are eroding into the stream after every storm. The land near the stream banks is slowly collapsing into the stream.</p> <p>Add soil, sand, and pebbles along with two drops of brown food coloring and spray it with water into the storm drain.</p>
<p>Jackson is happy to help his dad change the oil in his truck. He takes the used oil to the storm drain where he dumps it.</p> <p>Pour $\frac{1}{4}$ cup of vegetable oil into the storm drain. Add two drops of blue food coloring and spray it with water into the storm drain.</p>	<p>After recess, Gracie noticed a lot of clear plastic straw covers all over the playground along with some litter from lunch.</p> <p>Add small pieces of torn paper to the storm drain. Add two drops of red food coloring and spray it with water into the storm drain.</p>

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Jarvis helps his dad by cutting the grass in his yard. When he gets close to the street, he blows the grass clippings into the street.

Place the grass clippings into the storm drain. Add two drops of orange food coloring and spray it with water into the storm drain.

Jolie is walking her dog. The dog "does his business" near the street curb. The dog didn't mess on the neighbor's lawn, but it will still make its way to the drain.

Place two twigs into the storm drain. Add two drops of blue food coloring and spray it with water into the storm drain.

The Crestor family likes to eat fast food on their way to the ball park. When they are through eating, they toss their trash out the window of the car.

Place a few small pieces of wadded paper into the storm drain. Add two drops of purple food coloring and spray it with water into the storm drain.

Juanita is very careful about being in the sun. She always wears sunscreen when she plays on the Slip 'n Slide in her backyard. After an hour she has to reapply it since it tends to wash off in the water.

Add two drops of red food coloring and spray it with water into the storm drain.