

STORM WATER RUNOFF

This fun experiment teaches kids about 'runoff' pollution.
A great project for Earth Day!

INSTRUCTIONS

STEP 1: Print runoff template and color. Cut out.

STEP 2: Tape images to paint tray or baking pan.

STEP 3: Place dissolvable substances on the tray to represent oil, chemicals, and animal excrement.

STEP 4: Add clean water to the bottom of your tray or pan.

STEP 5: Use spray bottle to represent the storm water runoff during a rain storm.

Record your observations.

SUPPLIES

Paint tray
or baking pan
Template
Markers
Tape
Water bottle
Oil, chocolate,
frosting
(or other dissolvable
substances)

THE SCIENCE

Stormwater is also known as 'polluted runoff'. It is created by rain or melting snow that flows over the ground. In cities, stormwater runs over streets and parking lots, picking up oil and other pollutants before flowing into rivers or streams.

When rainwater can't soak into the ground, because of pavement and deforestation, the water is forced to run along streets and parking lots, picking up pollutants. This polluted runoff can flow into our streams or river, and overwhelm infrastructure which can cause sewage overflows.



STORMWATER RUNOFF POLLUTION

