

How can we prevent stormwater pollution?



What is a stormwater runoff?

As we learned in Episodes 2, Stormwater runoff occurs when water from rain or snowmelt flows over the ground. Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. If stormwater runoff is too dirty, it can be bad for fish and other animals that live in the water.

Be An Agent of Change!

Learn how you can prevent rainwater pollution!

Items Needed

Paint tray or baking pan
Printable stormwater worksheet
Markers
Tape
Spray bottle
Vegetable oil, chocolate, frosting, shaving cream, salt, sand

Instructions

1. Print the stormwater worksheet and cut out the pieces.
2. Tape the images to the paint tray or baking pan.
3. Place the substances on the tray you have chosen to represent oil, chemicals, and dog poop.
4. Add clean water to the bottom of your tray or pan to represent a lake or body of water.
5. Use a spray bottle to spray water on the substances to represent stormwater runoff during a rain storm.
6. What happens to the water in the pan? Discuss and record your observations.

Extend Your Learning!

Brainstorm what you can do to prevent rainwater pollution.



Stormwater Worksheet

