

Keep this sheet.
Collect them all!



Explore your world with this Science-to-Go backpack



Books in this backpack

- A Drop of Water
by Walter Wick
- Explore Water! 25 Great Projects, Activities, Experiments
by Anita Yasuda
- One Well: The Story of Water on Earth
by Rochelle Strauss
- Super Simple Things to Do with Water
by Kelly Doudna
- What is the Water Cycle?
by Ellen Lawrence

More books
at your
library

Raindrops Roll. April Pulley Sayre. E551.48
Rain and Floods. Patience Coster. J551.577
Things That Float and Things That Don't. David Adler. E532.25
Water. Ellen Lawrence. J530.4

Local Connection

Harbor
Wild Watch
in Gig Harbor
hosts kids programs
about Puget Sound.

Clean water is important for animals! Many people don't realize that storm drains feed directly into streams where salmon are born and live. Use the directions below to make a model of a stream. While you work, think about what is happening to the water and whether or not it would be healthy for salmon.

What you need:

- Glass baking pan or plastic container
- Funnel
- Water
- Quarter cups of oil, laundry detergent, and other household cleaners. Ask an adult for help.

Try this:

1. Pour water into the pan or container until it is about 1 ½ inches full (this is your salmon stream)
2. Place the funnel at one end of the pan and pour the liquids one by one into the funnel and watch what happens.
3. You created a model of a polluted stream! Does it seem like a healthy place for animals to live in?
4. Empty the pan, rinse it, fill it with water again and place a few rocks and branches in it. Pour the liquids into the pan again at one end and see how the rocks and branches affect the stream.

Going Further

Streams can also be polluted by dirt and other debris filling up waterways, usually a result of erosion. Can you design a stream erosion model similar to the model you created above?