

Environmental Scientist Community Helpers

Student Activities

Vocabulary:

water purification, water purification plant, pollution, trash, water wheels, fire hydrant, water cycle, algae, natural resource, water works, environment

Post-Viewing Discussion:

Why is the fire department dependent on the work of environmental scientists?

Why are we all dependent on the work of environmental scientists?

What makes the water in rivers and lakes dirty? Why does water need to be purified?

How does water get from our rivers to water purification plants?

Why was the Fairmount Waterworks so famous when it was first constructed? Why is it so famous now?

How can we help to keep our rivers and lakes clean?

Further Activities:

Find out how water is transported from water purification plants to fire hydrants. Also, how is the water pumped from the hydrant through the firefighter's hose?

If you participate in recreational activities on our rivers or streams, investigate the health of these waterways. Do they appear to be polluted? How can you tell if they are clean?

If possible, visit a water treatment plant to observe how water is purified before it is sent to your home.

Make a list of all the ways you can help to keep our water pure.

Find out what other jobs environmental scientists do for the community.