
From the Lake to your Tap



curriculum links

Grade 5:

- ◆ Understanding Matter and Energy:
Properties of and Changes in Matter



overview

In this activity students will learn where our drinking water comes from and what processes are used to produce safe and clean drinking water. Students will also review how water is delivered to their homes.

grade 5 expectations

Science and Technology

Understanding Matter and Energy : Properties of and Changes in Matter

Overall Expectations

- ◆ evaluate the social and environmental impacts of processes used to make everyday products.

Specific Expectations

Relating Science and Technology to Society and the Environment

- ◆ evaluate the environmental impacts of processes that change one product into another product through physical or chemical changes.

Developing Investigation and Communication Skills

- ◆ use scientific inquiry/experimentation skills to determine how the physical properties of materials make them useful for particular tasks.

key terms

Coagulate - To change from liquid form into a thickened mass; thicken; clot.

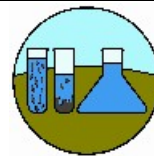
Filtration - The process of passing a liquid or gas through a porous article or mass (paper, membrane, sand etc) to separate out matter in suspension.

Monitoring - Scrutinizing and checking systematically with a view to collecting data.

Reservoir - A body of water collected in a natural or artificial lake.



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Settling - The process of a substance, such sediment, sinking or being deposited.

