



## U.S. Environmental Protection Agency

# Drinking Water & Ground Water Kids' Stuff

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Safewater Home

For Kids & Students

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For Teachers

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Games & Activities

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## For Teachers (Grades 4-8)



### Classroom Lessons

[Build Your Own Aquifer](#) - A class activity to illustrate how water is stored in an aquifer, how groundwater can become contaminated, and how this contamination ends up in the drinking water well. Ultimately, students should get a clear

understanding of how careless use and disposal of harmful contaminants above the ground can potentially end up in the drinking water below the ground.



[Interactive Build Your Own Aquifer Instructions](#) \* - A step-by-step instruction on how to complete this in class activity complete with narration and visual support. You can jump from section to section and repeat as necessary. (Some of the links in this game are to external sources not hosted on EPA's web site [EXIT Disclaimer](#))

[Water Filtration](#) - A class activity to demonstrate the procedures that municipal water plants may use to purify water for drinking.



[Interactive Water Filtration Instructions](#) \* - A step-by-step instruction on how to complete this in class activity complete with narration and visual support. You can jump from section to section and repeat as necessary. (Some of the links in this game are to external sources not hosted on EPA's web site

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[How People Get Their Water](#) - A lesson plan that teaches students how reservoirs serve as holding tanks for drinking water.

[Where Does Water Come From?](#) - A class activity that helps students identify their source of drinking water.

[The Water Source Books](#) - The Water Sourcebooks contain 324 activities for grades K-12 divided into four sections: K-2, 3-5, 5-8, and 9-12. Each section is divided into five chapters

### **Classroom Lessons from EPA Region 1 ([ALL ABOUT PDF FILES](#))**


[The Case of the Disappearing Water](#) (52 K PDF FILE, 6 pgs) - Demonstrate and explain evaporation as part of the water cycle.

[Deep Subjects: Wells and Ground Water](#) (304 K PDF FILE, 9 pgs) - Demonstrate and explain ground water movement and how it can be a source of drinking water.

[Excuse Me: Is this the Way to the Drainpipe?](#) (200 K PDF FILE, 11 pgs) - Demonstrate and explain what happens to water when it leaves your home.

## **Games & Activities**

[Word Scramble Game](#) - A fun game to print and complete where you have to unscramble one word in a sentence.

 [Interactive Question & Answer Game](#) \* - A flash animated game that gives the Answer and you have to choose the correct Question from three possible answers. The game lets you know instantly if you have the right answer.

[Fun Facts Matching Game](#) - A fun game to print and complete where you have to match amounts of water to the correct everyday water usage item.

 [Interactive Fun Facts Matching Game](#) \* - A flash



animated game that lets you match amounts of water to the correct everyday water usage item and lets you know instantly if you have the right answer. (Some of the links in this game are to external sources not hosted on EPA's web site

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**\* This link will open up a large file that may take several minutes to open based on your internet connection speed.**

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