



## "Waterology" Teacher's Guide

"[Waterology](#)" is a fun K-6 appropriate, theatrical-style production that teaches students about the journey of water, the value of water, the water cycle, and the importance of water conservation. This production uses funny skits, songs, visual aids, and audience participation to engage students and maximize retention.

The following link will open a PDF document that lists the "Next Generation Science Standards" that this assembly addresses:

<http://showsthatteach.com/wp-content/uploads/2015/09/Science-Standards-in-H2O-assembly.pdf>

Teachers may print out a [coloring page](#) template for K-1 students.

**PRIOR TO THE ASSEMBLY PERFORMANCE**, we suggest that you introduce or review the following vocabulary terms used in the assembly:

conserve  
fluid  
drought  
liquid  
salt water  
aquifer  
fresh water  
well

cycle  
arid  
percolate  
solid  
gas  
aqueduct  
precipitation  
evaporation

condensation  
accumulation  
desert  
survive  
H<sub>2</sub>O  
reservoir  
vapor  
transform

Teachers who will be attending the show are invited to download our original songs and lyrics free from the following webpage:

[www.showsthatteach.com/watersongs](http://www.showsthatteach.com/watersongs)

These fun and educational songs are paid for by your local water district.

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## FOLLOWING THE ASSEMBLY PERFORMANCE, WE SUGGEST YOU ASK YOUR STUDENTS ...

- to define "fresh water".
- to name some sources of fresh water (where we access it).
- how the sun's heat affects water.
- (with their mouth wide open and close to their hand, as we demonstrated during the show) to blow moisture on their hand, then wave their hand to expose the moisture to the dry air. Ask students what happens to that water.
- for examples of precipitation (rain, snow, sleet, hail).
- to draw a picture of the water cycle.
- to draw a picture showing routes that water travels to our homes.
- to write an essay about (or discuss) why it is important to conserve water.
- to write an essay about (or discuss) five ways they can save water.

As a bonus, **kindergarten** and **first grade** teachers may treat your students to fun videos produced by our company. These FREE 3-minute YouTube videos (featuring puppet Characters and actors from our assemblies) help TK-first grade students build vocabulary.

<https://www.youtube.com/channel/UClecYgbRar100gGjLlwOrGw>



### [About the Performers](#)

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