

Get₂ Know
H₂O



EXPERIMENT 7: Solar Distiller

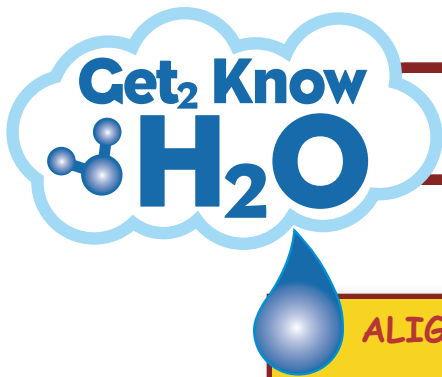
Challenge: Find out if you can distill clean water from muddy water and salt water!



QUESTIONS:

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- Examine any water that forms in the glass. Record your observations. Does the water look the same as the water outside the glass?
- Do the stills make clean water? Can you explain how they worked?



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Instructor's Guide

ALIGNMENT WITH ILLINOIS STATE BOARD OF EDUCATION GOALS

State Goal 11:

Section A: 2a and 2b

Section B: 2a, 2b, 2c, 2d, 2e and 2f

State Goal 13:

Section A: 2a and 2b

Section B: 2b, 2c and 2e



WHAT'S HAPPENING?

Students learn how solar energy can distill water.

WHAT COULD GO WRONG?

Keep the seal tight to ensure an enclosed environment.

WHAT ELSE CAN KIDS LEARN?

H₂O de vie (Water of Life)

Ask the students if they can imagine a situation in which knowledge could save their life.

Oceans of fresh water?

Have the kids think about how they could tap into the ocean to irrigate fields and provide drinking water. You may have to remind them that salt water isn't healthy for humans or most plants.

LINKS

www.NEED.org

CREDITS

The NEED Project PO Box 10101
Manassas, VA 20108
1-800-875-5029

YOUR FEEDBACK

Were the instructions clear?

Did the class stay interested?

Email us at feedback@Get2KnowH2O.org and let us know what you think. We would like to share your suggestions with other teachers and give you credit for your great ideas!