

Lifelong Learner

Activity Worksheet

Inquiry Question:

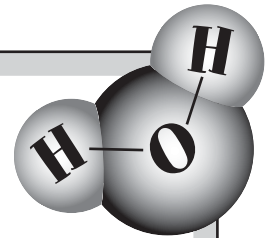
How much does a gallon of water weigh?

Materials:

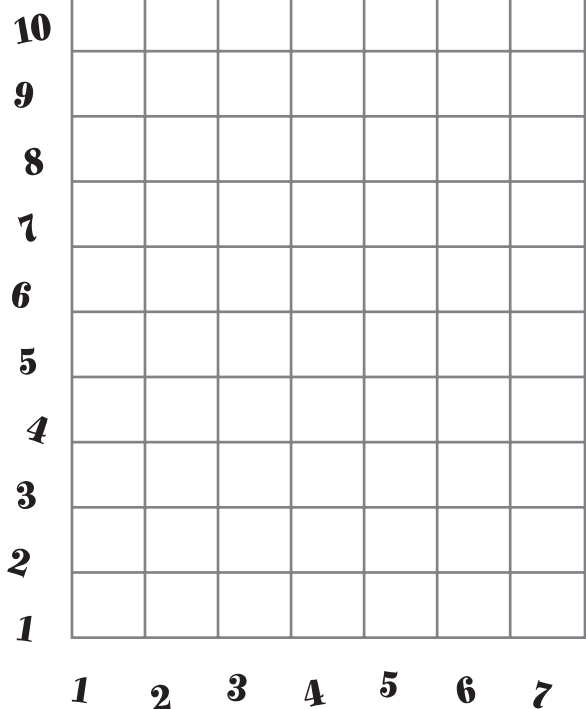
1 gallon of water

1 gallon pitcher

1 12 inch ruler



1. Ask 7 people to guess what a gallon of water weighs. Record their guesses on the graph below. You might want to find the answer yourself first, so you can tell them after their guess.
2. Using a 12 inch ruler, ask them to estimate how many inches of water they normally use for their bath.
3. Get a gallon of water and time yourself carrying it around the room for a minute.
4. Next time you take a bath, use a gallon pitcher and measure ten gallons for your tub. Estimate how many inches it takes to fill it.
5. Estimate the number of gallons you usually use compared to the 10 gallons.
6. Ask yourself, if I had to carry every gallon of water I used, would I use less?
7. Record your insights and share with friends.



Guess the following!

Bread is _____ percent water

Carrots are _____ percent water

Potatoes are _____ percent water

Tomatoes are _____ percent water

Answers: bread 30% potatoes 80%
carrots 90% tomatoes 95%

HELP!

Complete this maze to
turn off that overflowing tub!

Start

Finish

