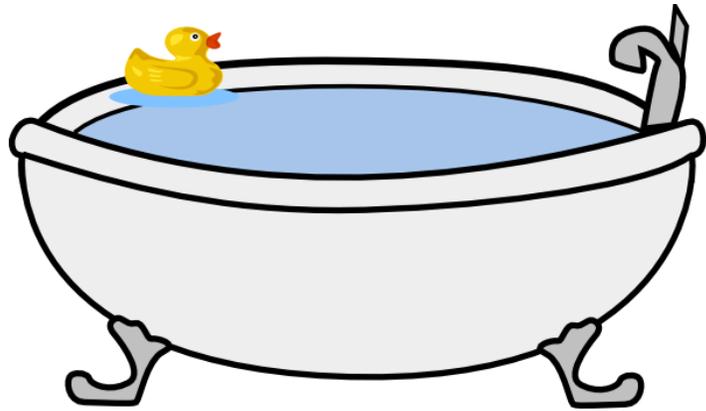


Shower vs Bath Task

M2C3 Project 2018





Which is better, a shower or a bath?
Which do you think uses less water?



What do you notice? What do you wonder?

Bathtub filling up with water

<https://www.youtube.com/watch?v=hQvPiRUJfhg>

Bathtub versus shower #1

<https://www.youtube.com/watch?v=urTIh8Wc6gY>

Bathtub versus shower #2: How long to fill a gallon

<https://www.youtube.com/watch?v=v2DF3vMry1M>

What do you notice? What do you wonder?



What do you **need** to know?

- ...To figure out how much water you use when you take a shower?
- ...To figure out how much water you use when you take a bath?

- How can we get this information?



Important Information



A shower uses about 2 gallons of water per minute.



An average bathtub holds about 40 gallons of water (filled all the way to the top). If you fill the tub part way you use less water.

Warm-Up Task

- How much water do you use when you take a bath?
- How much water do you use when you take a shower?



Main Task

- Some people say a shower uses less water.
 - Other people say a bath uses less water.
 - Who do you think is right?
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- Compare the two options, and show which uses less water, and how you know.
 - You can use tables, pictures, numbers and words in your explanation.



Extension Tasks

- What do you know about showers and baths in your family?
- How many people do you have in your family?
- Do people take baths or showers every day?
- How long are their showers?
- How full do they fill the bathtub?



Extension Tasks

- What if your family *only* took baths? How much water would you use in a week?
- What if your family *only* took showers? Then how much water would you use in a week?
- Which option is better, and why?
- Compare the two options, and show which uses less water, and how you know.
- You can use tables, pictures, numbers and words in your explanation.

