

STEM

starts now

Bathtime Capacity

Recommended Age: 48–52 Months

STEM concepts: Science (physical science), Technology (simple tools), Engineering, Math (measurement)

Materials: Various size cups and containers, bath tub and water

What to do: Use the cups to show how different size containers and cups hold different amounts of water. Show this by filling a small cup and dumping it into a larger cup.

Language and Communication: Challenge your bathtimer by asking if they can see how many small cups fit in the large cup. Talk about how the volume of the cup is how much it can hold. If the larger cup holds 4 of the small cup full then tell your child that “the large cups volume is 4 small cups”

Expand the Activity: Use different plastic toys instead of water. Or use toys like dump trucks with stones to show that volume and capacity does not just mean water. You can point out capacity signs hanging in local places and explain how they tell how many people will fit in the room.

