

PARENT NOTES: *Measuring Time!*

WATER CLOCK



Today we built a water clock to measure short amounts of time, and learned that scientists need to take very accurate measurements in their experiments. The rate of flow of water was constant in the water clock meaning that it took the same amount of time for the same amount of water to flow through the clock. Once calibrated this can be used like an egg timer, however this one used water rather than sand.

ASK YOUR CHILD

What did you make today?

(A water clock)

What can you do in the time that your clock measures?

What makes this clock very accurate?

(Water runs out at a constant rate. The ability to put the same amount of water in every time. The rate of flow out of the clock is slow so you can measure seconds as well as minutes).

Have you seen something like this before?

(An eggtime that uses sand)