

Water clock or clepsydra

Name of the object and creator	Clepsydra by Logopsycom				
Recommended ages	8-10 y.o				
Thematic areas combined (STEAM)	Sciences	Technology	Engineering	Arts	Mathematics
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Materials needed	<ul style="list-style-type: none"> • A plastic bottle • Food coloring (or coloured drink) • Cissors • Compass • A stopwatch (or an app in a phone) 				
Outline of the steps	<ol style="list-style-type: none"> 1. Build the clepsydra 2. Graduate the clepsydra 				
References	Nestlé. (s. d.). How to make a water clock. Consulté 13 juillet 2023, à l'adresse https://www.nestlepurelife.com/how-to-make-a-clock-water				

STEP BY STEP: How to build a clepsydra

Step 1: Build the clepsydra

Estimated time: 10 minutes

- Gather all the material.



- Clean and cut a plastic bottle in half.
- Using a pair of compass, make a small hole in the cap.



- Place the top of the bottle upside down.



- Place a few drops of food colouring in water in a glass.



- Get your stopwatch ready and pour the water into the bottle.

Step 2: Graduate the clepsydra

Estimated time: 5 minutes

- Every minute (or 30 seconds) place a line on the bottle to graduate it.



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