



## The walking water

Ages: 6-12

### What are we going to do?

This activity offers children a curious, fun and surprising experience to learn how colors mix and how secondary colors are created almost... magically!

The goal is to stimulate scientific curiosity, encourage observation, and discover natural phenomena through a simple and visual experiment.

In addition, it allows the introduction of basic concepts of capillarity and absorption.

### Materials you will need:

- Plastic cups (7)
- Red, yellow, and blue dyes
- Water
- Absorbent paper (napkins or paper towels)

**Duration: 45-60 minutes**



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## Instructions:

1. Prepare the glasses.

- Place seven glasses in a row. Fill the 1st, 3rd, 5th, and 7th glasses to the top.

2. Add the colors.

- In the first and seventh glasses, add 5 drops of red food coloring.
- In the third glass, add 5 drops of yellow food coloring.
- In the fifth glass, add 5 drops of blue food coloring.

3. Prepare the absorbent paper strips.

- Take several napkins or paper towels and fold them lengthwise into firm strips.

4. Join the glasses.

- Insert one end of each strip into one glass and the other end into the next glass, creating a bridge between all the glasses.

5. Observe the phenomenon.

- You will see how the colored water begins to rise up the paper and descend into the empty glasses, mixing and forming secondary colors.
- To see the full result, let the experiment run for approximately 2 hours.





# EUROPEAN DIGITAL CAMPS FOR INCLUSION OF YOUTH WITH CANCER

## Expected results:

- Observe how the water “walks” through the paper.
- See the mixing of colors and the creation of secondary colors.
- To understand a simple scientific phenomenon in a visual and engaging way.

## Timeline

- 0-10 minutes: Presentation, preparation of materials and explanation of the experiment.
- 10-40 minutes: Development of the experiment and initial observation.
- 40-60 minutes: Final observation, questions and sharing of results.



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