

WALKING WATER EXPERIMENT

Total Time: 2 hours

Supplies Needed:

- Downloadable Recording Sheet
- 5 small glass (or see-through) cups
- Paper Towels
- Food Coloring (red, blue, yellow)
- Water
- Timer

Directions:

1. Print the recording sheet from the City of Keizer's website or have it available to write down answers on a separate sheet of paper.
2. Place the five cups in a straight line, right next to each other.
3. Fill up the 1st, 3rd and 5th cup with the same amount of water. About 3/4 full.
4. In the 1st cup, put 5 drops of red food coloring.
5. In the 3rd cup, put 5 drops of yellow food coloring.
6. In the 5th cup, put 5 drops of blue food coloring.
7. Tear off 4 sheets of paper towels and fold each in half hot dog style, then fold in half hot dog style again. You should have 4 long skinny sheets.
8. Before you move on, fill out the 1st part of the recording sheet. What is your hypothesis?
9. Now place one paper towel strip so it is immersed in the 1st cup of water and overlaps into the empty 2nd cup. Then place another strip in the 2nd cup, overlapping into the 3rd cup - and so on. **START THE TIMER.**
10. Now observe. What do you see happening? Is it what you expected?

Directions for the

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Directions Continued:

11. The next part will take a little longer. So check back every 15 to 30 minutes to observe the progress.
12. Stop the timer when you see color or water moving into the empty cups.
13. After 2-3 hours, you should see the final results. Fill out the 2nd part of the recording sheet. What happened to the empty cups?

Pictures of the Process

