FRANKENSTEIN'S MATZAH

SUPER SEDER SCIENCE

NOTE: THIS CAN TAKE A COUPLE OF HOURS

WALKING GRAPE JUICE

USE YOUR SCIENTIFIC METHOD SHEET TO RECORD YOUR OBSERVATIONS.

QUESTION: HOW CAN WE GET THE GRAPE JUICE TO MOVE FROM ONE CUP TO THE OTHER WITHOUT POURING IT?

MATERIALS

- [ ] 2 CLEAR CUPS
- [ ] GRAPE JUICE
- [ ] PAPER TOWEL

DIRECTIONS:

1) FILL ONE CUP WITH WATERED DOWN GRAPE JUICE
2) FOLD PAPER TOWEL INTO A STRIP.
3) PUT ONE END OF THE TOWEL IN THE GRAPE JUICE AND ONE IN THE EMPTY CUP LIKE A BRIDGE.

THIS CAN BE ALSO BE DONE WITH RAINBOW COLORS!

WHAT'S HAPPENING?

THE PAPER TOWEL HAS TINY SPACES INSIDE IT. THE GRAPE JUICE CAN MOVE THROUGH THESE TINY SPACES. THE LIQUID SLOWLY TRAVELS UP THE PAPER TOWEL AND DOWN INTO THE EMPTY CUP. THIS HAPPENS BECAUSE LIQUID LIKES TO STICK TO THINGS AND ALSO LIKES TO STICK TO ITSELF.

TRY THIS: WHAT HAPPENS IF YOU USE OIL INSTEAD OF JUICE?

CAPILLARY ACTION