

SCIENTIFIC LABORATORY

WHAT DID WE DO?

On Monday afternoon we did a laboratory with Professor Surio, who teaches science in the high school.

Initially, he explained to us the importance of water, he spoke about the Water Cycle and water pollution.



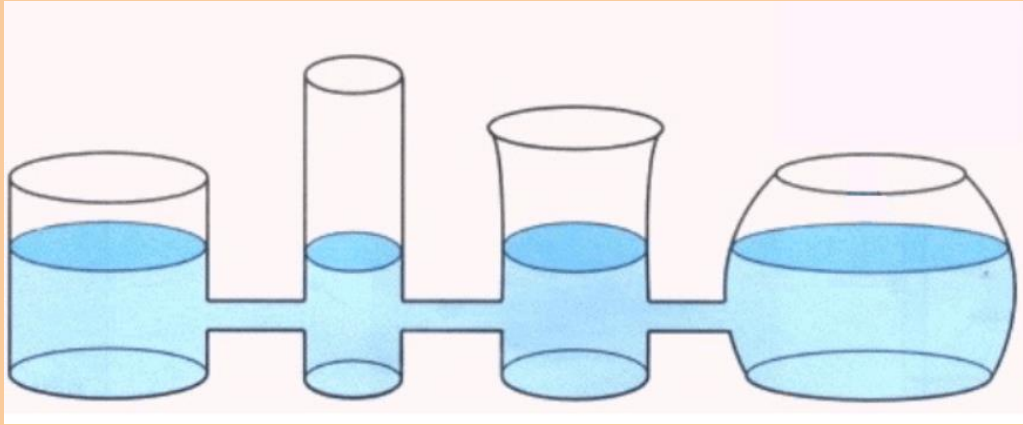
Then we did a test about water



Finally we made some experiments



COMMUNICATING VESSELS EXPERIMENT



ACTIVITY 2: COMMUNICATING VESSELS

Materials

- Three bottles of various sizes
- Water
- blue dye
- 2 straws.

What to do.

Pierce the bottles at height and insert the two straws. Pour colored water into the first bottle.

What to observe

As you pour the water passes through the straws into the various bottles distributing at the same level in all the bottles.

Conclusions

According to the principle of communicating vessels, water always distributes at the same level regardless of the container, its shape and size.

CAPILLARITY



ACTIVITY 4: CAPILLARITY

Materials

- three glasses of water
- three tubes of dye
- paper towels

What to do.

Take three glasses of water and color the water in each glass with different colors. Take some blotting paper until you get a strip to dip into the water between two glasses

What to observe and conclusions

You will observe the water rising up through the blotting paper, which will be colored with the same colors and shades dissolved in the liquid. This happens due to the phenomenon of capillarity, which also allows plant roots to carry water up to the leaf.

WHAT DID WE LEARN?

We learned to respect water and the environment around us. By doing the experiments we learned to work together and we had a lot of fun discovering new things.

