Picture no. 1

Place on a table: a container with water, 3 empty water bottles, 3 coffee filters and 3 containers with 3 types of soil - sandy, clay and loam.

Picture no. 2

Cut off the top of the bottles as shown in the picture.

Picture no. 3

Place the top of the bottle neck towards the inside of each of the cut bottles (like a funnel) as shown in the picture.

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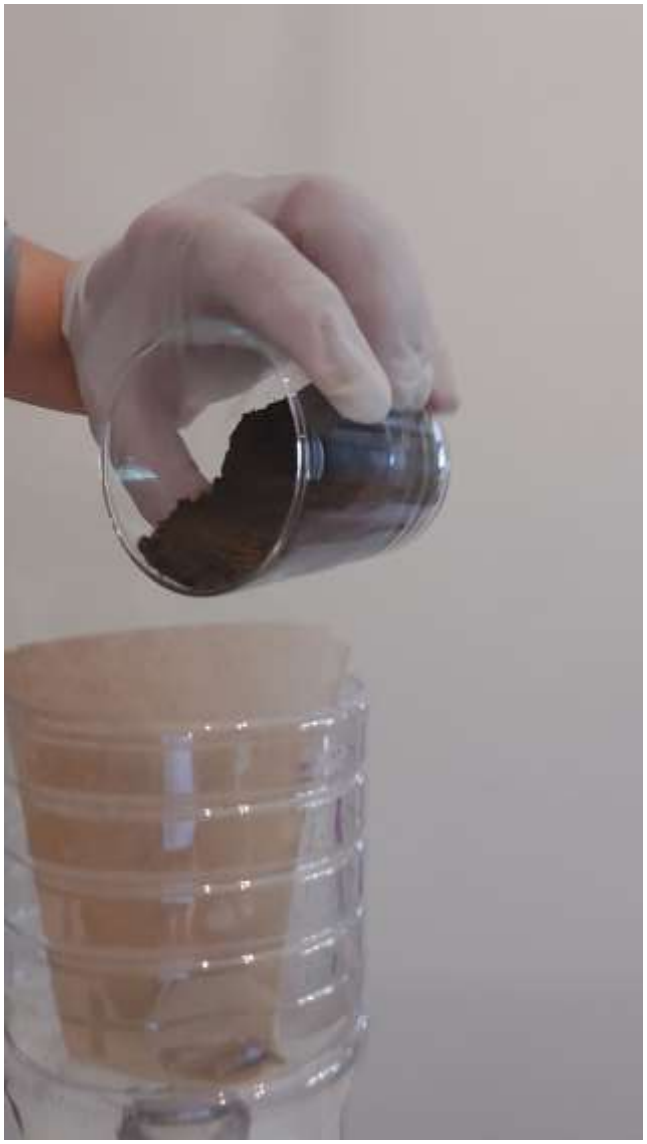
Picture no 4



Place the coffee filters on top of the cut top (like a funnel) and pour a type of soil into each bottle according to the picture.

Picture no. 5

Continue the process, laying another type of soil, as shown in the picture.

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Picture no.6

Pour a little water over each type of soil inside each filter/bottle. Once again as shown in the picture.

Video no. 6A - Water starting to drain into each type of soil. You immediately begin to realise the difference with which water flows from soil to soil.

https://drive.google.com/file/d/1INfa1SQxEjYO564eVDEoHy4g3MZXo1sh/view?usp=drive_link

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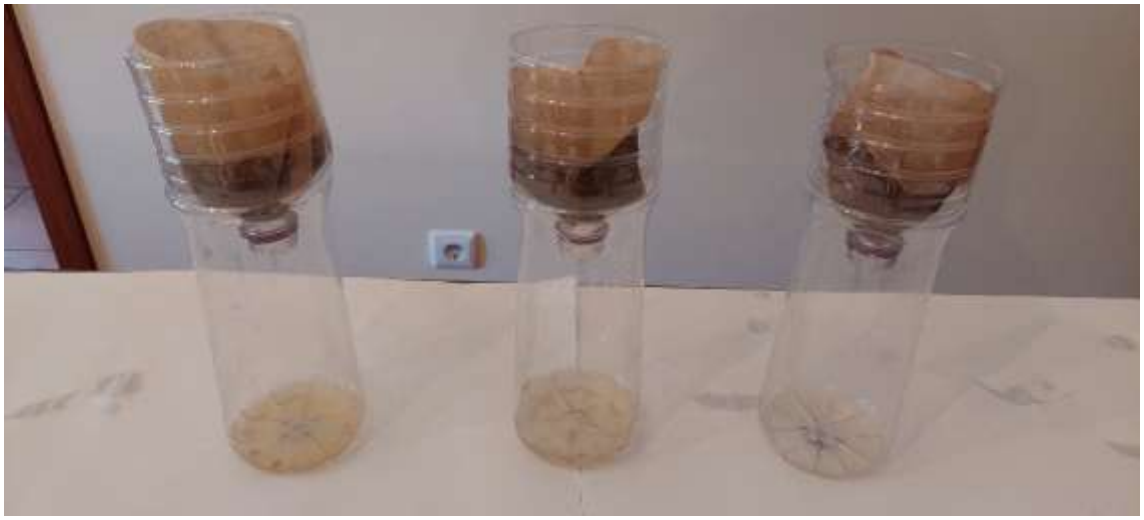
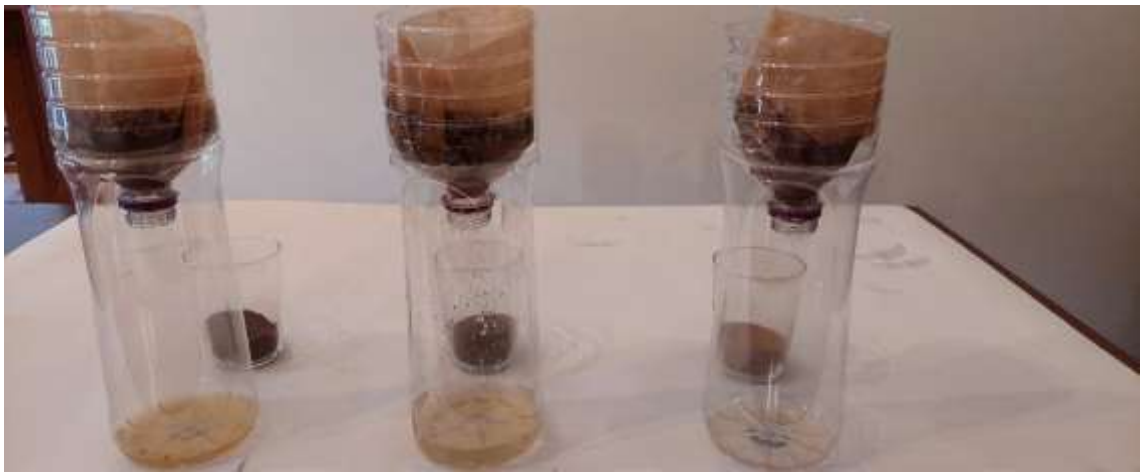
Picture no.7



First results of the amount of water that appears at the bottom of each bottle depending on the type of soil. At this stage, the students are not supposed to be told what type of soil is in each bottle, but rather to observe it.

Picture no. 8



The result of the experiment, sometime later. Observing different amounts of water in each of the bottles.

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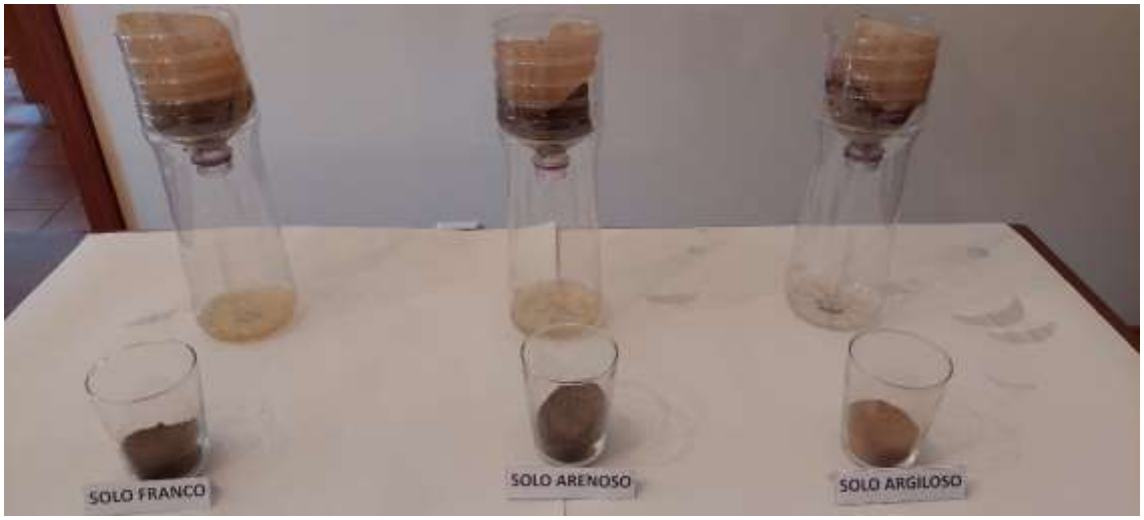
Picture no.9



The type of soil used is labelled in the front of each bottle.

1 – loamy soil

2 – sandy soil

3 – clay soil