

Water filter

Name:

Date:

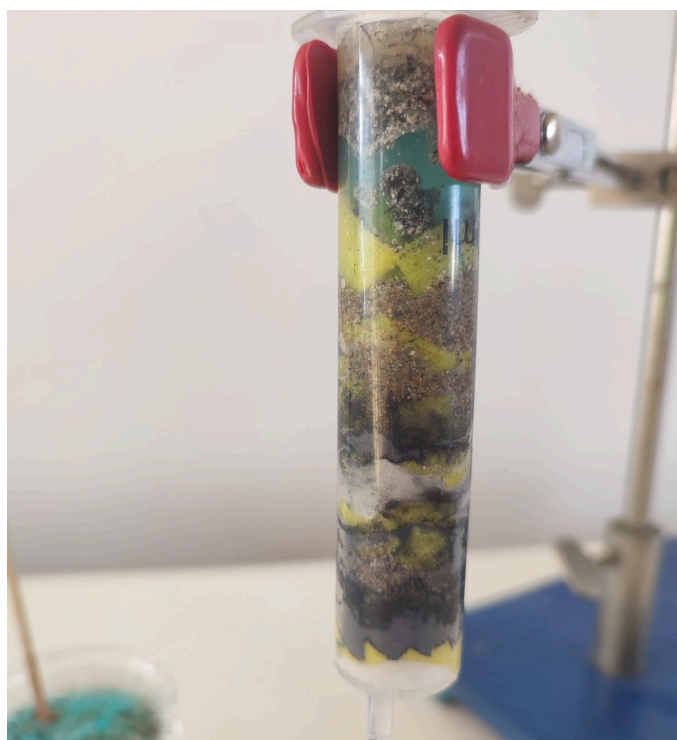
Where from comes the water we drink?

Question: What steps will you take to purify the water?
Could you trap the pollutants in a filter?

Hands on Experiment

Materials

- ☐ Syringe
- ☐ Scissors
- ☐ Kitchen towel
- ☐ cotton wool
- ☐ Sand
- ☐ Activated Carcon



Generally, a filter mimics soil layering. Use the materials in any order and quantity you wish, as long as the column of materials does not exceed the $\frac{2}{3}$ of the filters total height.

1 st Step	2 nd Step	3rd Step
Notem the materials in the order you used them. 1) 2) 3) 4) 5) 6) 7) 8) 9) 10)	Create a pollutant using soil, oil and anything else you like. Note down what: 1) 2) 3) 4) 5) 6) 7) 8) 9) 10)	Your filter is now ready. You can filter the pollutant.



Rate the clarity of the filtered water from 1 to 5

1

2

3

4

5



Rate the odor of the filtered water from 1 to 5

1

2

3

4

5

