



IT'S TIME TO CARE!
PROJECT DURATION: 1 SEPTEMBER 2018 - 31 AUGUST 2020



SUSTAINABLE USE OF WATER Manual

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Experiment carried by the team of Olaines 1.vidusskola on the topic Sustainable Use of Water. Experiments with dirty (colored) water.

Procedure:

Experiments with dirty (colored) water.

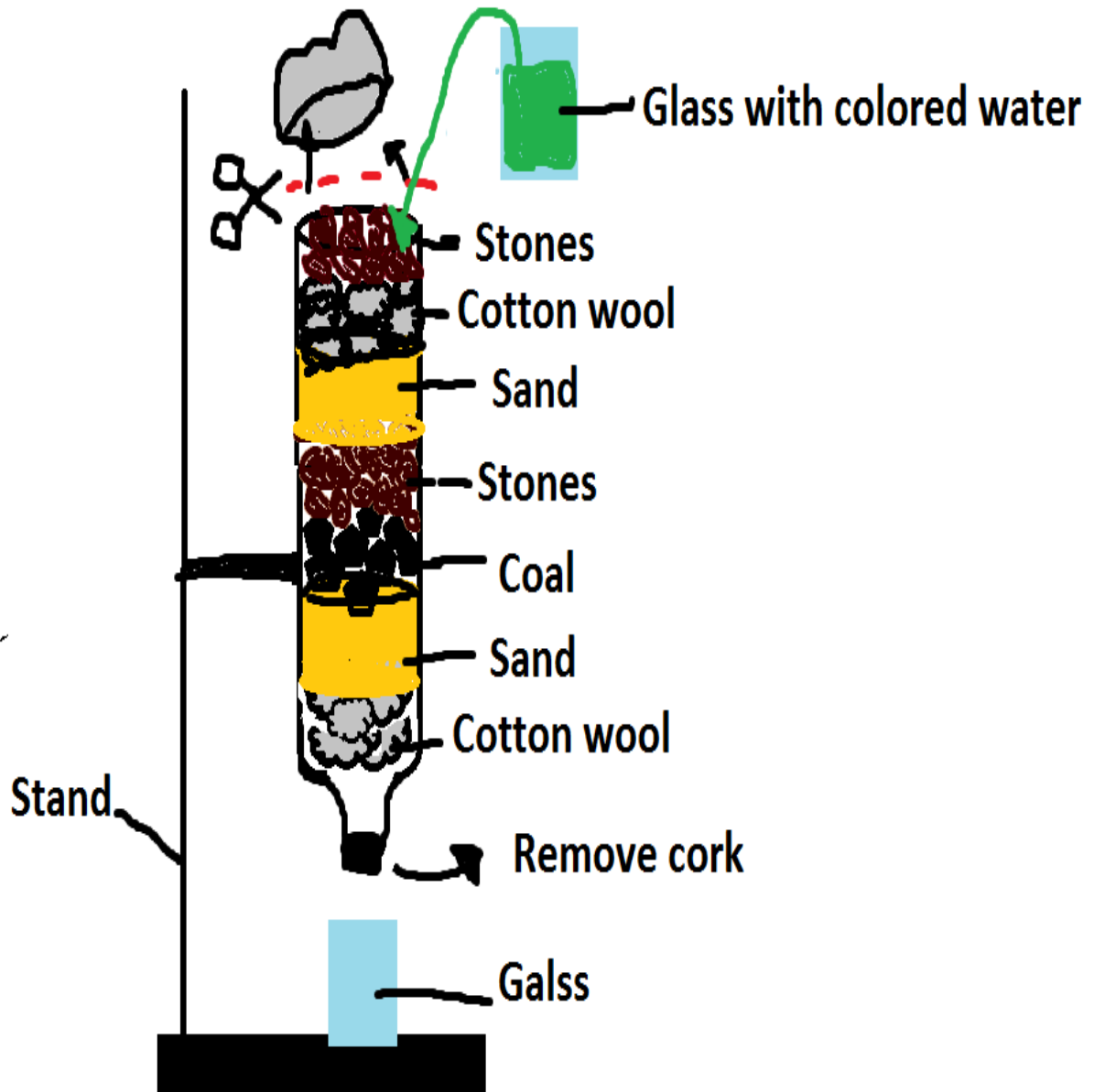
The goal of the experiment is to show how dirty water can be treated to clean with homemade filter.

For this experiment we need:

- Scissors
- PET bottle
- Two clear glasses
- Sand
- Stones
- Food colors
- Stand
- Coal
- Cotton wool
- Water

Attention! Work carefully with scissors!!!

How to Prepare a homemade Water Filter





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Step by step

1. Cut off PET bottle's bottom
2. Turn over
3. Put inside Cotton wool
4. Then pour sand
5. Pour coal
6. Pour stones
7. Pour sand
8. Again put cotton wool
9. And last again pour stenes
10. Mix water with food color
11. Pour water from above
12. Remove the cork
13. And wait about 5 min
14. ENJOY!!! 😊

Results

After 5 minutes colored water stay clear, this method can help clean dirty water and can use second for washing or drinking.