



Water cleaning Experiment

***Filtration**

- We do not think that all germs and harmful chemicals were removed during filtration
- We only filtered the muddy water through a funnel and filter paper, and then heated it, no chemicals were used
- We would still not drink the filtered water as it is still very sandy!

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INVESTIGATION RECORD


IDEAS
Using a water purifier

PREDICTION
No water purifier would clean the dirty water

WHAT WE NEED
- Filter paper
- Funnel
- Beaker
- Muddy water
- Filter stand

WHAT WE DID
We used a water purifier to purify muddy water. We used a water purifier to purify muddy water. We used a water purifier to purify muddy water.

WHAT IS HAPPENING
The water is clean



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Fresh Water


What is the best way to clean dirty water?

Filtration

What we did:
Cut a clean bottle in half.
Use one clean bottle and turn it around so the opening is facing down, inside the other half of the bottle.
Put two sheets of kitchen roll or filter paper inside the opening like a cone.
Put a layer of cotton wool on top of the filter paper.
Put the muddy water on top of the cotton wool.
Water will filter through clay.

prediction:
It will be trapped in the filter paper. Dirty, cloudy water will be purified and drinkable.

we need
- Bottle
- Filter paper
- Cotton wool



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Fresh Water

The best way to clean dirty water is to filter it

Our Ideas:
- Filter using a plastic bottle, cotton wool, coarse (rocks), fine and coarse sand

Our Prediction:
The water will be clean and clear from dirt and soot particles. It will be safe to drink.

What We Did:



CLEAN WATER!