The Pfizer Foundation Biochemistry Discovery Lab

How do water filters work?







How do the filter grains work?

What happens in a home water filter?

Although you could see the dye in your experiment, you can't see these atoms in tap water — they are too small and are not colored like the dye.

How much dye can the filter grains remove?

Eventually the filter grains get full and cannot remove any more atoms.

Remember to change only one thing at a time, so you know why you see a difference between tubes.

Do you have questions about your experiment, or about molecules and water filters?

Maybe you can find the answer by experimenting some more.

Ask a staff person if you need help.

When you are done, stick the tubes in your Lab Notebook, or throw them in the trash.

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