

Creating a Water Filter

Materials:

- Cheesecloth
- Mesh
- Gravel
- Activated carbon
- Sand
- Coffee filters
- Cotton balls
- Kitty litter

You can use any three of the above. Which three will you use? Make a sketch below.

Now that you know which ones you will use, which order are you going to put them in?

Construct your filter and test it out. Did it work well? Write out or draw what happened below.

What do you wish to do differently? Reengineer your water filter below and then create it.

Did it work better this time around? Write out or draw what happened below.

Water Filters

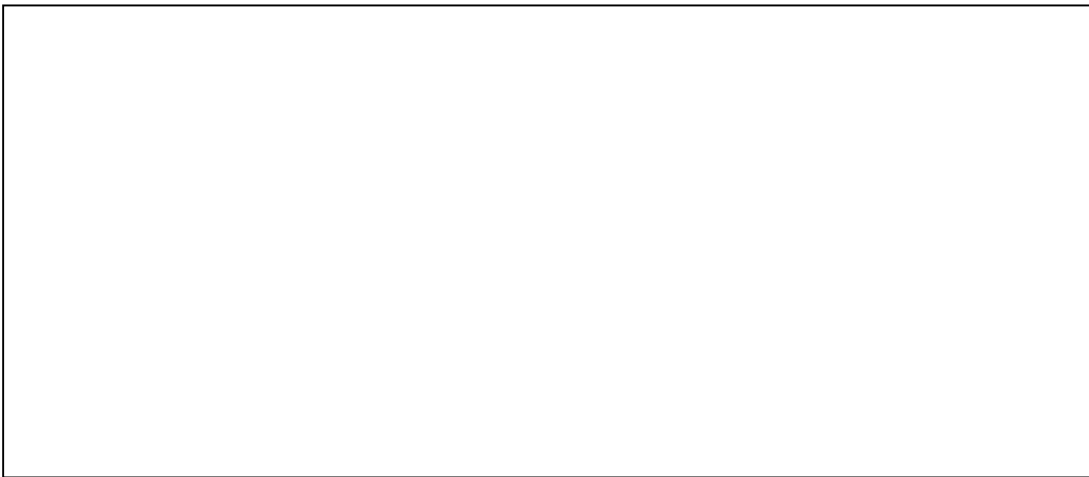
Three materials I am using:

First design:



What worked well? What didn't?

Second design:



What worked well? What didn't?