

Water Filtration Experiment



Materials: plastic water bottle, coffee filters, cocoa powder, paper, food coloring, sand, dirt, rocks, scissors, and water.

Directions:

1. Assemble your water filter
2. In a separate container, mix 2 cups of water, food coloring, cocoa powder, and ripped pieces of paper.
3. Pour some of the contaminated water through the filter and record the results in the table below.
4. Repeat this for sand, dirt, rocks, and paper.

	Food Coloring	Paper	Cocoa Powder
Sand			
Dirt			
Rocks			
Paper			

Name a material that could be used to filter water and write your prediction for how it would work.