## Water filtering

Choose 4 materials to try and filter the dirt out of the muddy water:

• • • • •	gravel	sand	moss	wood chips	٠٠,
	cotton balls		coffee filter	tissue	

Put each material in its own water bottle filter.

Leave the 5th water bottle empty - it is the "control".

Add 1/2 cup muddy water to each filter, including the control.

**Record** the colour of the filtered water produced by each filter material. Record the control as well (no filter material).

1	
2	
3	
4	
5	
6	
7	
8	



Combine the filter materials to make the best water filter possible.

**Draw** your filter.