

<https://www.scientificamerican.com/article/water-filtration-system/>

<http://engineeringonline.ucr.edu/resources/article/what-are-advanced-water-treatment-processes/>

[https://www.cdc.gov/healthywater/drinking/public/water\\_treatment.html](https://www.cdc.gov/healthywater/drinking/public/water_treatment.html)

[http://www.bbc.co.uk/schools/gcsebitesize/science/triple\\_aqa/water/purifying\\_water/revision/1/](http://www.bbc.co.uk/schools/gcsebitesize/science/triple_aqa/water/purifying_water/revision/1/)

<http://www.sciencemag.org/news/2016/04/new-water-purification-system-could-help-slake-world-s-thirst>

<https://www.scientificamerican.com/article/clean-dirty-water-with-the-sun-bring-science-home/>

[https://www.ted.com/talks/michael\\_pritchard\\_invents\\_a\\_water\\_filter](https://www.ted.com/talks/michael_pritchard_invents_a_water_filter)

[https://www.ted.com/talks/deepika\\_kurup\\_a\\_young\\_scientist\\_s\\_quest\\_for\\_clean\\_water](https://www.ted.com/talks/deepika_kurup_a_young_scientist_s_quest_for_clean_water)

There are five major types of **contaminants** that are found in water: particulates, bacteria, minerals, chemicals, and pharmaceuticals.

Water purification can be divided into four major categories: separation, filtration, chemicals, oxidation.

Research each of these ways of purifying water; list the benefits and drawbacks to each. Cite your sources for each. What would determine what is the best option for an area, individual, or community? What is the cost? Does it remove impurities, or just neutralize them? Does every method work for every type of contaminate?

Example:

	First and last name
	2/14/17
	ECCO
	4j student ID
	<u>Categories of Water Purification: Benefits and Drawbacks</u>
Separation	
Filtration	
Chemical Treatment	
Oxidation	
<b>Works Cited:</b>	
	"Community Water Treatment." <i>Centers for Disease Control and Prevention</i> . Centers for Disease Control and Prevention, 20 Jan. 2015. Web. 14 Feb. 2017.