



# Designing Your Team's Water Filter

**Task:** You and your teammates have been asked to design, build and test a system that can be used to filter and clean water. Use the following document to design and propose your filter.

**Circle at least 3 of the following materials to use.**

- Sand
- Pebbles
- Clay
- Paper
- Coffee Filters
- Clothing
- Mesh
- Cotton
- Cups

**Use this space to draw your water filter system.  
Include color and labels in your diagram.**



**Use the space below to answer the following questions:**

- How will each material you use in your filter help to clean the water?
- Why did you position each material in the order you chose?
- Use the article, *How to Make a Survival Water Filter*, to support your answers.

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