



## A. Label the parts of a filter.

Choose the correct word from the list.

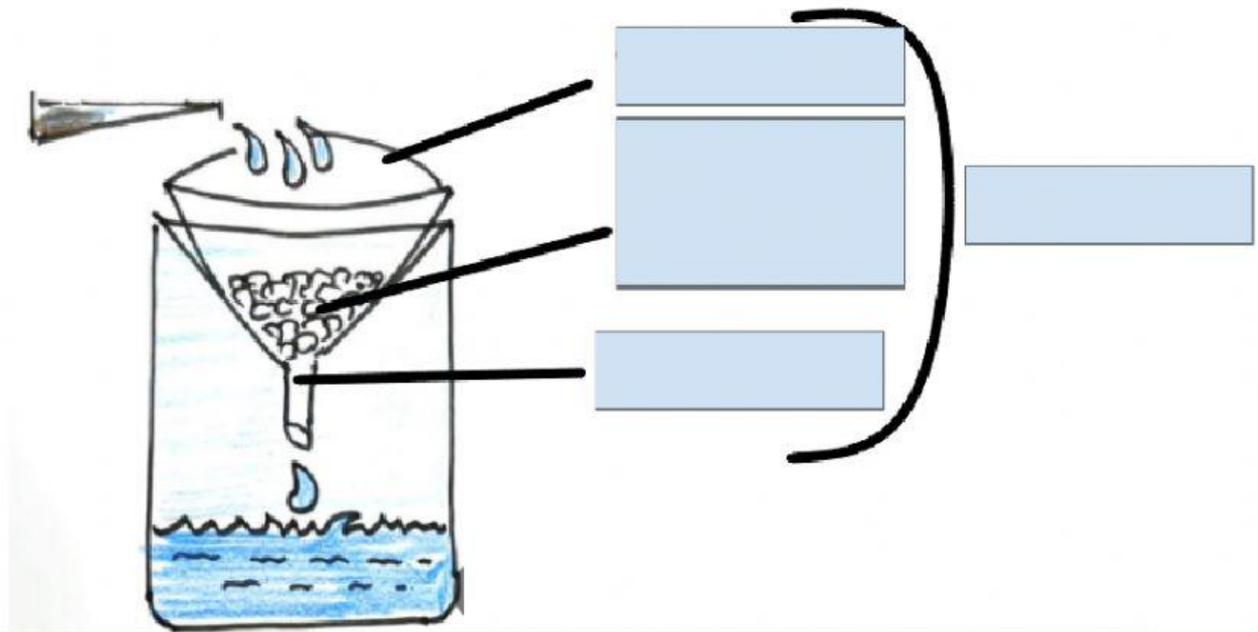


Diagram 1. Parts of a Filter

## B. How does a filter work?

Write the correct word to complete the sentences below. Use the words from the list below.

mixture

separate

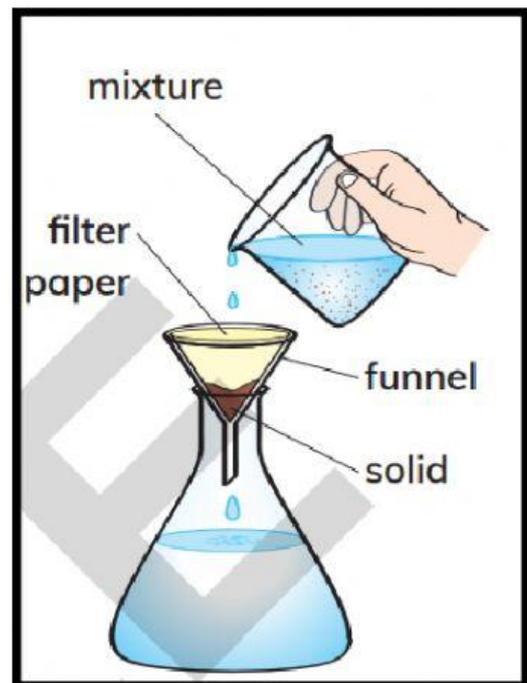
filter

filter paper

funnel

solids

Dirty water is a \_\_\_\_\_ of solid and liquid materials. We can \_\_\_\_\_ the insoluble solids from the liquid by pouring the mixture through a \_\_\_\_\_. A filter has holes that let some of the mixture pass through. Solids in the mixture stay in the filter because the pieces are too big to pass through the holes. A sieve is a kind of filter but



most filters have much smaller holes. Scientists use filter paper to separate mixtures. \_\_\_\_\_ has very tiny holes and stays strong when it gets wet so it does not tear easily. A \_\_\_\_\_ is a cone-shaped piece of equipment that can be used to support the filter paper.