Middle School Science

Name: Date:

Separating Mixtures Worksheet

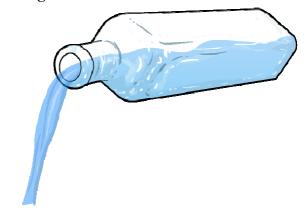
This worksheet accompanies slide 9 of Separating Mixtures.ppt

The Clean Water Challenge?

Can you make clean water from dirty salty water?

Imagine you have been stranded on a desert island and there is no fresh water. You need to make some clean and drinkable water from seawater before you die of thirst!

As you explore the island, you come across a fisherman's hut among the palm trees, in which there are some pieces of equipment that might prove useful:



beaker	cloth	plastic tubing
boiling tube	filter funnel	plastic sheeting
bung and delivery tube	aluminum foil	Scotch tape
candles	matches	
clamp stand	plastic cups	

- 1. What is the name of the method by which liquids are separated from a mixture?
- 2. Think carefully about which pieces of the equipment that you found could be used, then show how you would assemble the equipment by drawing a diagram in the space below: