

# Purify water with sun rays

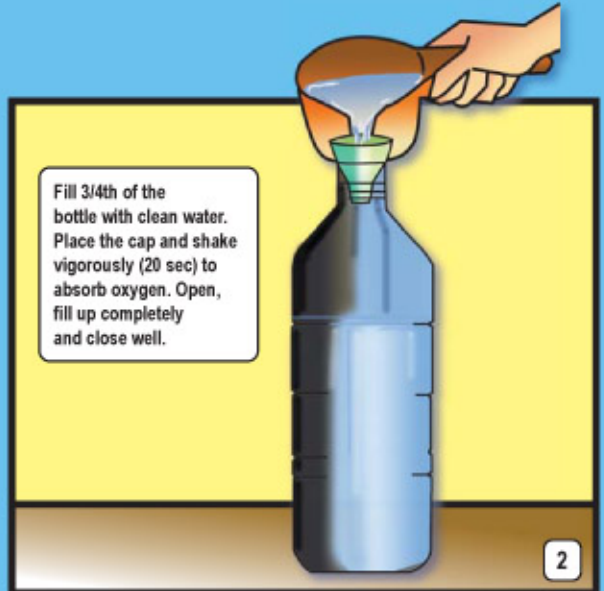


Drink pure water and enjoy healthy life



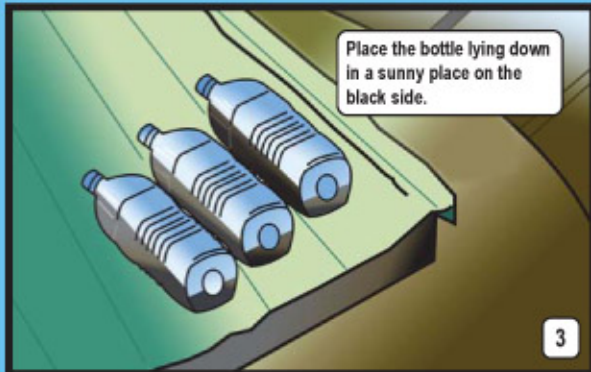
Take a clean and clear plastic (PET) bottle. Paint half of the bottle black.

1



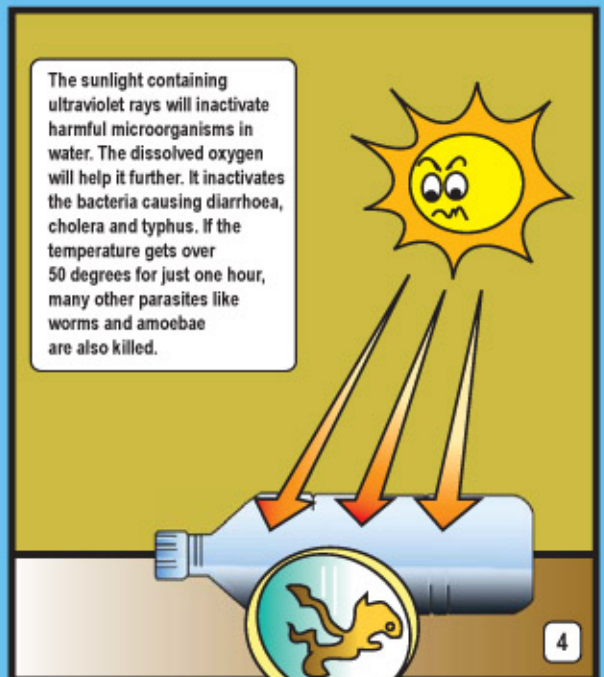
Fill 3/4th of the bottle with clean water. Place the cap and shake vigorously (20 sec) to absorb oxygen. Open, fill up completely and close well.

2



Place the bottle lying down in a sunny place on the black side.

3



The sunlight containing ultraviolet rays will inactivate harmful microorganisms in water. The dissolved oxygen will help it further. It inactivates the bacteria causing diarrhoea, cholera and typhus. If the temperature gets over 50 degrees for just one hour, many other parasites like worms and amoebae are also killed.

4



Place for 4-5 hours in a sunny day.



Place for 6-7 hours if it is partly cloudy.



Leave for 2 days if it is very cloudy.



Water then becomes healthy and ready to drink