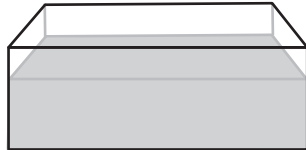


ADD SUGAR BEND LIGHT

FISH TANK WITH
4-LITER WATER



LASER
POINTER



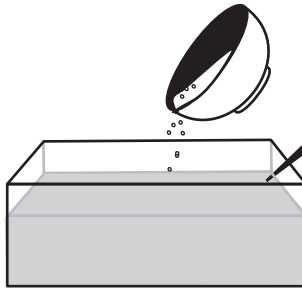
SUGAR



DETTOL

① ADD A FEW DROPS OF DETTOL TO WATER. THE DETTOL HELPS IN ILLUMINATING THE PATH OF LIGHT.

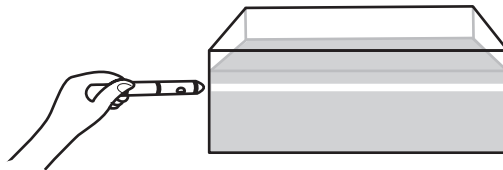
② ADD 500-GM SUGAR TO WATER.



ATTENTION : DO NOT STIR AT ALL FOR 24 HOURS.

AFTER 24 HOURS THE SUGAR WILL DISSOLVE IN WATER AND THE WATER WILL APPEAR CLEAR. HOWEVER, WATER WILL BE MORE DENSE BELOW, LESS DENSE ON TOP. THERE WILL BE A DENSITY GRADIENT!

③ ON SHINING LASER ON TOP THE BEAM WILL GO STRAIGHT.



AS YOU GO LOWER DOWN THE LASER BEAM WILL BEND BECAUSE OF THE DENSITY GRADIENT!

