

RECIPE FOR the future scientist's familiar scents

BY labtek apung & friends

Description

The water around may be contaminated physical, chemical, and biology due to the problem of waste and litter introduced through a simple test. Tests conducted is a test that is based on organoleptic sensory processes, utilizing nose as as a sense of smell.

Suitable for children above 4 and adults.

Ingredients

guidance form

pen/pencil

colour markers

test tube/glass

bottles/containers

spoon/stir bar

tray

label

blindfold

tapwater

surface water

of various sources around (river, drainage, etc.)

various domestic material at home (coffee, tea, soap, etc.)

Preparation

take found surface water sample from various sources, using bottles or containers.
transfer into a glass or tube.



take freshwater (tapwater or groundwater)



transfer freshwater into a glass or tube, mix with desired ingredients (e.g. coffee),
composition is adjusted from the most diluted to the most concentrated



label and record the details of each surface water,
also mixture of water and coffee (or other ingredients) in the glass/tube.

blindfold your friend who wants to play
and give them the tubes you have marked before,
let them sniff one by one and ask them to:
describe the scent, and identify the source

the game will be more interesting if we start from
the most concentrated first to the most diluted (easy to hard level)

