

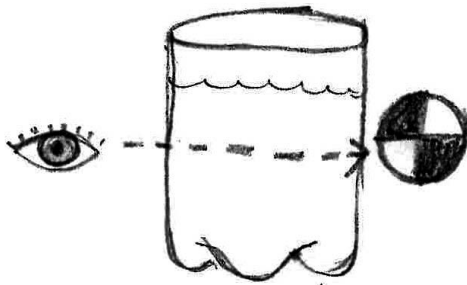
Did You Know?
 According to the United States Geological Survey, the average person uses 80-100 gallons of water per day.

Clarity

Use a Secchi disk:

1. Place the Secchi disk on one side of the container and look through the water sample at the Secchi disk.
2. How clearly can you see the Secchi disk on the other side? Score the clarity.

not clear	cloudy	clear
0	1	2



Acidity

Use a pH strip:

1. Dip the end of the pH strip into the water sample.
2. The pH strip will turn a color. Compare it with the color scale on the pH packet.
3. Score the acidity.

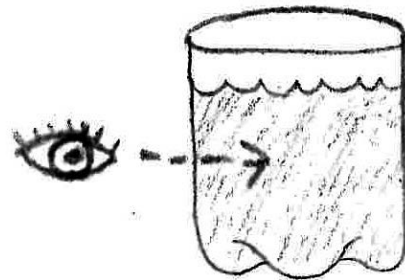
acid	neutral	base
0-5	6-8	9-14



Color

1. Look at the water sample.
2. Score the color.

has color	colorless
0	1



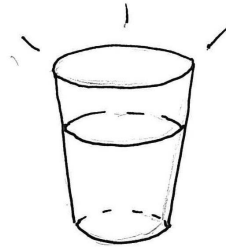
Optional:

Activity 1

How Clean Does It Need to Be?

Water can be categorized in three ways: pure water, greywater, and waste water. Use the key below to see how clean water need to be for each category.

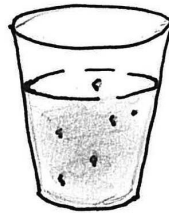
PURE WATER	
Clarity	2
Color	1
pH	6–8



Can be used at *any* location



GREYWATER	
Clarity	1–2
Color	0
pH	5–9



Can be used for:



WASTE WATER	
Clarity	0
Color	0
pH	0–4 or 10–14



Can be used for:

