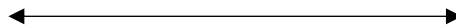


Properties of the water: quality and transparency

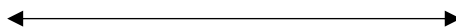
1. First observe: What do you see in the water? Mark with a cross on the line.

many leaves or parts of
leaves



no leaves or parts of
leaves

many small animals



no small animals

a lot of particulate matter



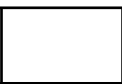
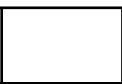
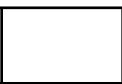
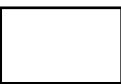
no particulate matter

2. The transparency of water can be measured by sinking a disk with a pattern printed on it (Secchi-disk) into the water. The depth where the pattern can no longer be seen is called the visible depth of the water. To measure the visible depth, sink the Secchi-disk into the water until you can no longer see the pattern. Note the visible depth below:

Date and time of the measurement: _____

Visible depth: _____





Properties of the water: pH and temperature

1. Use a pH strip to measure the pH of the water. Enter it into the table.
2. Use a thermometer to measure the temperature of the water. Enter it into the table.

Date and time:	
pH:	
temperature:	