



# Water test data sheet

|                                        |                                        |
|----------------------------------------|----------------------------------------|
| Name:                                  | Name of the watercourse:               |
| School:                                | The exact location of the measurement: |
| Title: _____                           | Date:                                  |
| Name of the teacher leading the group: | Tel/@:                                 |

Take the measurements three times, if possible, and write the average on the sheet.

## 1. Temperature

Measure the air and running water temperature.

Measure the water temperature inland from the shore and about 15 cm below the surface.

|               |    |
|---------------|----|
| <b>Air:</b>   | °C |
| <b>Water:</b> | °C |

## 2. The colour of water

Fill up one test tube with living water and another test tube with tap water. Place the test tubes on a white sheet and determine the colour of the living water by looking at it from above. Connect the determined colours with a line and use a dot on the line to detect the hue of the water sample.



|              |               |
|--------------|---------------|
| <b>brown</b> | <b>yellow</b> |
| <b>green</b> | <b>grey</b>   |
|              | <b>blue</b>   |

## 3. The smell of water

Put a tissue/paper towel in a funnel and filter a litre of water through it. At the end, take out the tissues/paper towel and smell it.

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| <b>The smell of water:</b> |
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## 4. Chemical effect

Dip the pH test strip into the running water and immediately read the pH of the water using the colour scale.

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| <b>pH:</b> |
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## 5. Transparency

Use a 1-m long measuring rod with a white plastic card attached to its bottom. The card should have a short text printed in 1 cm black letters. Slowly push the measuring rod down into the water and watch when the letters on the card become unreadable. Then pull the rod out of water and measure the length of the rod's wet part .

|                         |
|-------------------------|
| <b>Depth of vision:</b> |
| <b>cm</b>               |

## 6. The living world

**Plants:** What plants do you see on the bank of the water and in the water?

Write down their names and draw them!

**Animals:** Are there animals in or near the water? What are they like?

Write down their names and draw them!

