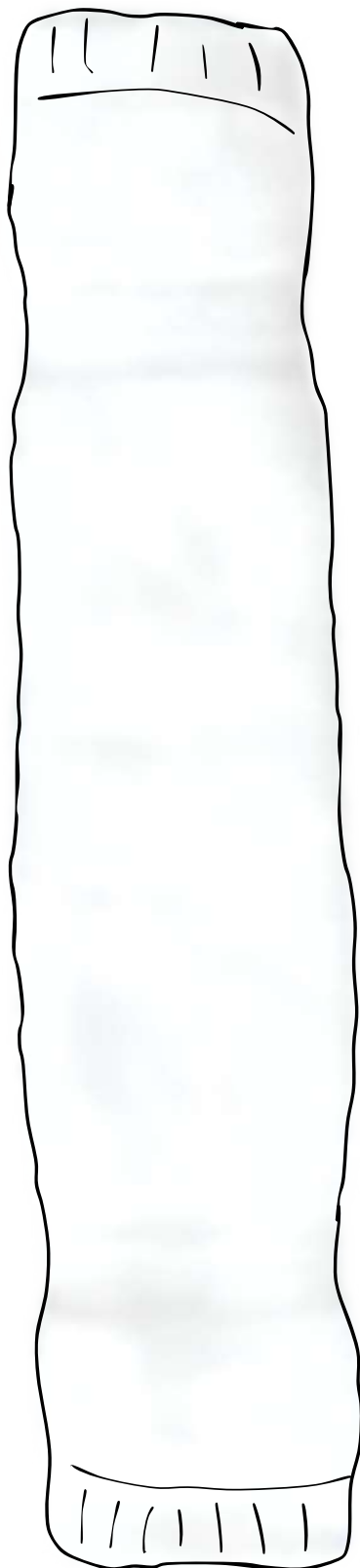
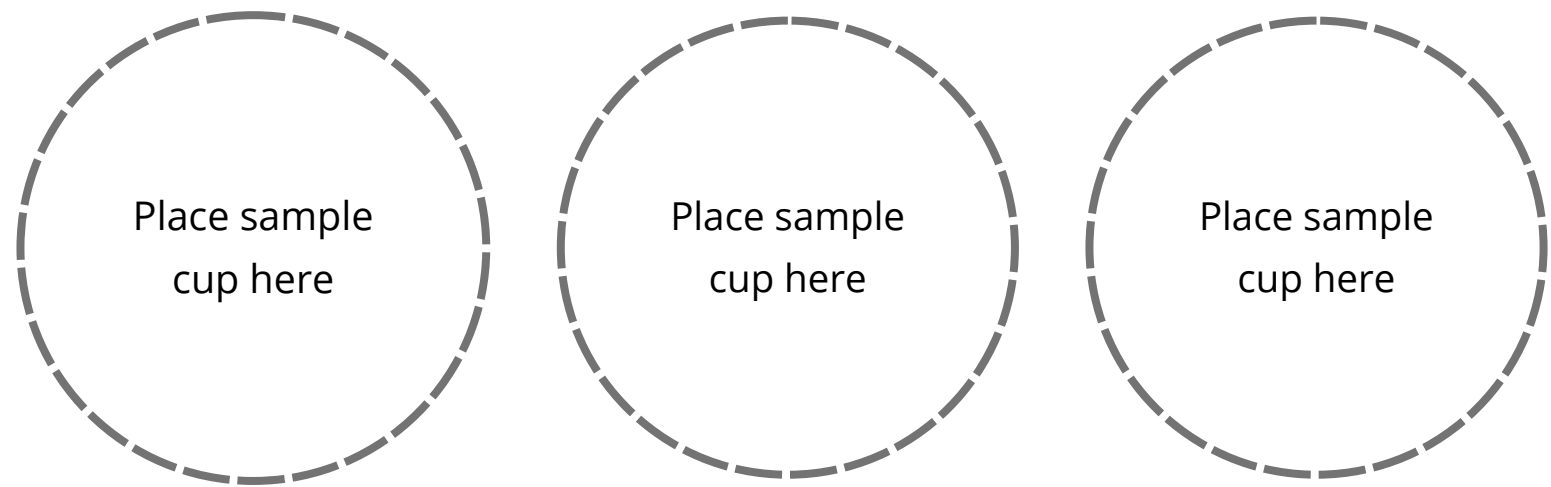


Quick start!

1. Read your educator's guide and try water testing before teaching others.
2. Safety first! When in doubt, do not test.
3. Place students in groups of 3-5 and distribute testing equipment.
4. Record location, air temperature, and weather details on clipboards.
5. Groups take a water sample, then conduct and record tests for water temperature, conductivity, and teststrips, (chlorine, pH, alkalinity, hardness).
6. Take a fresh sample and demonstrate the dissolved oxygen test. Student groups take turns assessing the comparator to determine their reading.
7. Optional: Measure 10m, drop an apple upstream, and time how long it takes to travel downstream. Repeat at least three times and calculate the average velocity (distance ÷ time) for flow.
8. Upload your group's data to our online platform. Add context and photos!



1. Name Date Time			
2. Body of water & location name <i>Plan d'eau & nom</i>			
3. Qualitative observations <i>Observations qualitatives</i> <i>What do you see? What do you hear? What do you smell?</i>			
4. Weather yesterday 	9. Nitrates ppm		
5. Weather now 	10. Nitrites mg/L		
6. Air temp <i>Température de l'air</i> °C	11. pH <i>pH</i>		
7. Water temp <i>Température de l'eau</i> °C	12. Hardness <i>Dureté</i> ppm		
8. Salinity <i>Conductivité</i> ppt	13. Dissolved oxygen <i>Oxygène dissous</i> mg/L		
14. Notes: Anything unexpected? <i>Notes: Quelque chose d'inattendu?</i>			
15. Flow rate (optional) <i>Débit (optionnel)</i> m/s		16. Clarity/depth (optional) <i>Clarté/profondeur (optionnel)</i> m	

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