

# RESTITUTION SCIENTIFIQUE

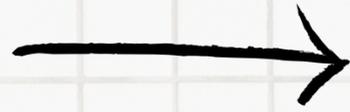
ANALYSE DE L'EAU DE L'ALAGNON

05 JUILLET 2024



**PRÉLÈVEMENTS :**

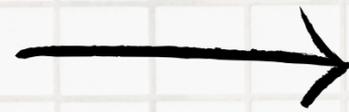
FONT



GORGES



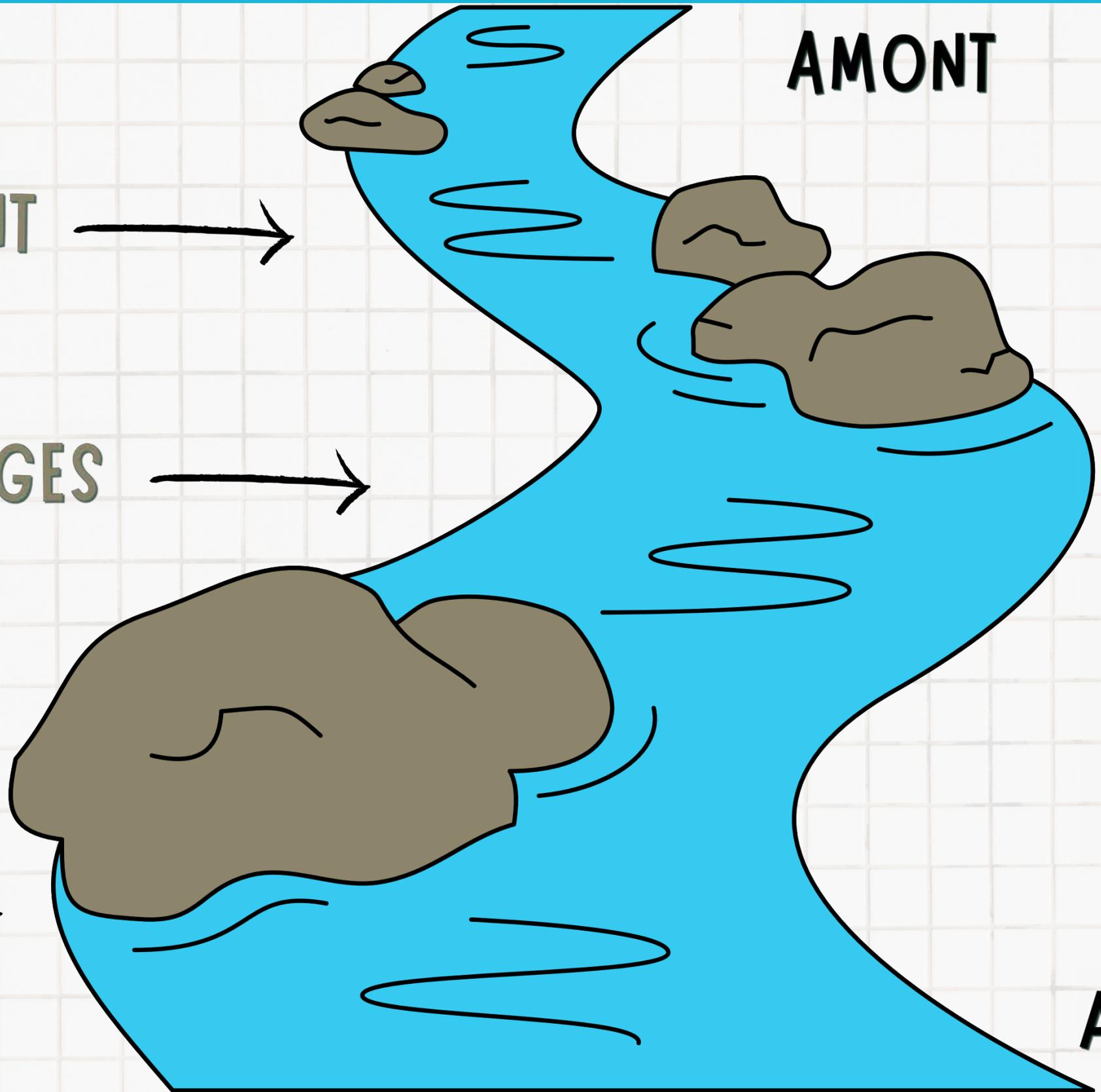
CAMPING



AMONT

AVAL

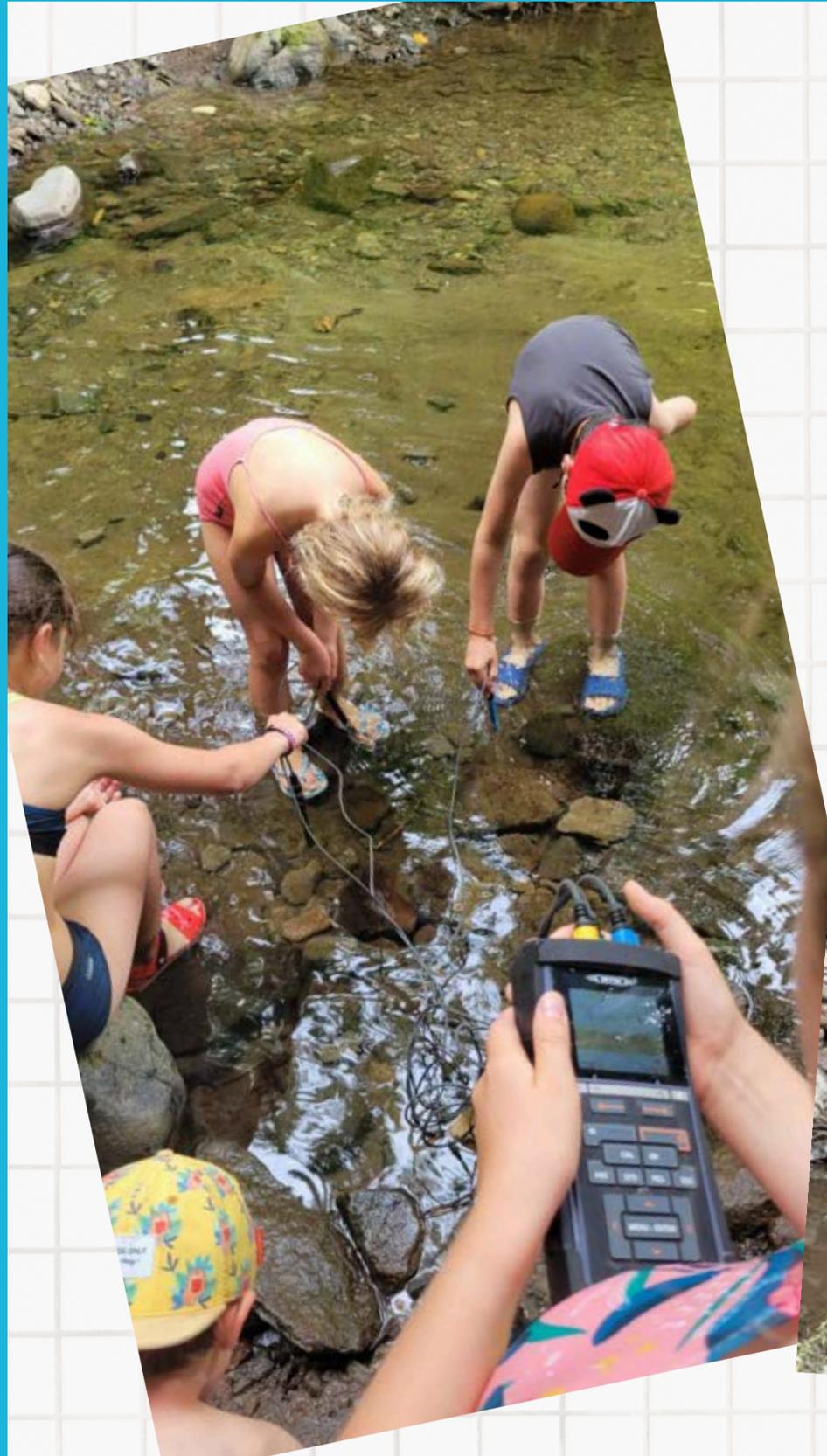
RIVIÈRE DE L'ALAGNON



# CAMPING DE MURAT

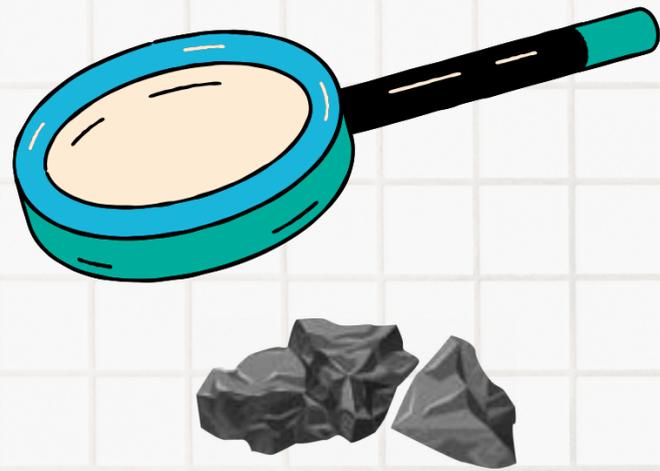


# GORGES DE L'ALAGNON



# FONT DE L'ALAGNON





# RÉSULTATS ET CONCLUSIONS:

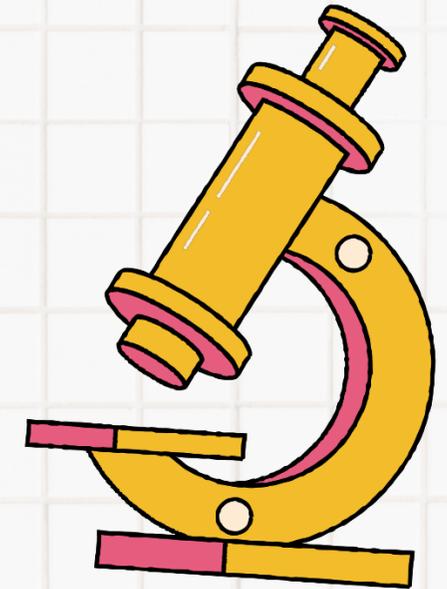
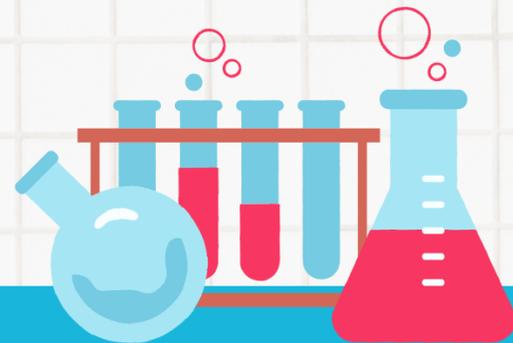
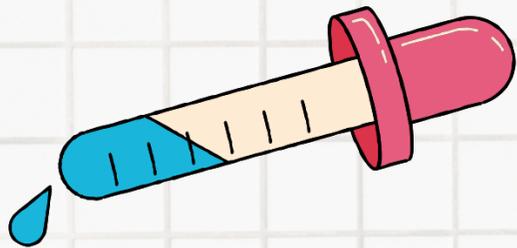
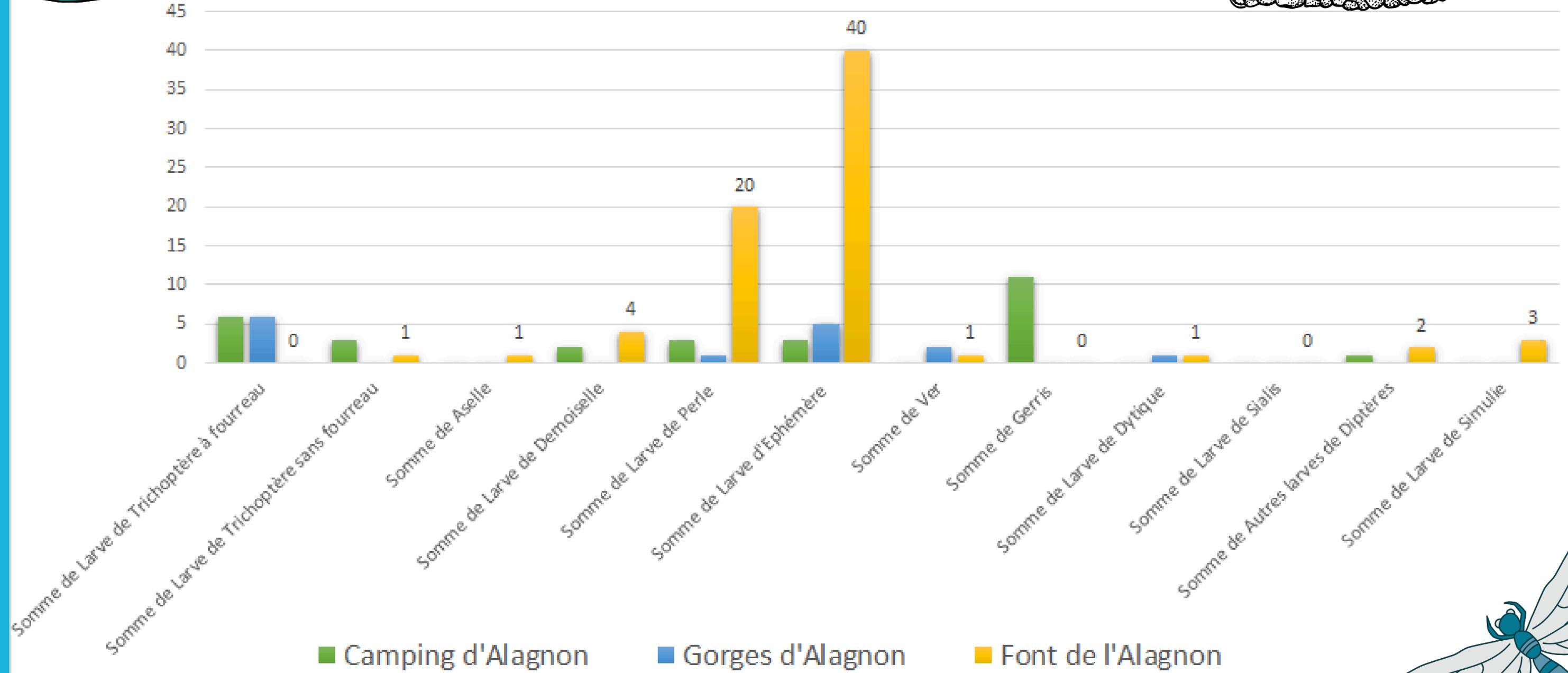
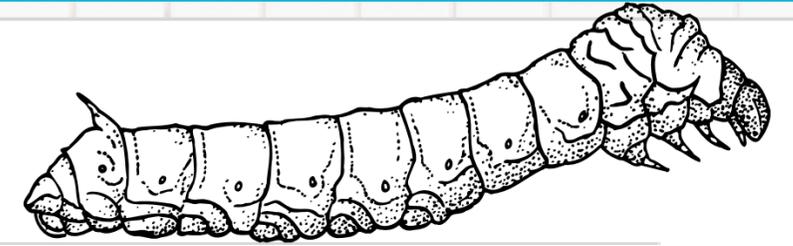
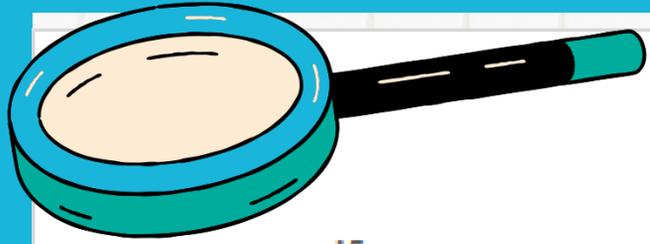


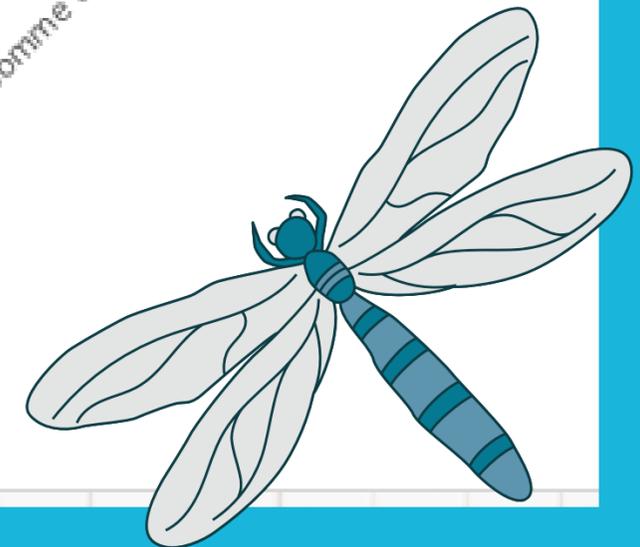
TABLEAU ANALYSE CHIMIQUE DE L'EAU - 29,30 et 31 Juillet 2024

N°	Lieu / observation	Heure	Météo	T. ext °C	T. eau °C	Vitesse de l'eau (m/s)	Largeur de cours d'eau (m)	Profondeur (cm)	Débit calculé (m <sup>3</sup> /s)	[O <sub>2</sub> ] mg/L	Sat O <sub>2</sub> %	Conduct. electr. µS	pH	Turbidité	Qualité des berges (/20)
1	Camping de Murat	15:20	soleil	32	17	0,26	10	16,7	0,042	8,32	94,7	2,8	7,1	3,01	16
2	Gorges de l'Alagnon	15:58	soleil	25,3	17,8	0,18	6,8	25	0,045	8,4	98,1	2,1	7,3	2,05	20
3	Font de l'Alagnon	14:48	soleil	31,6	16,4	0,15	2,85	18	0,027	8,2	96,3	1,4	7,6	1,84	19



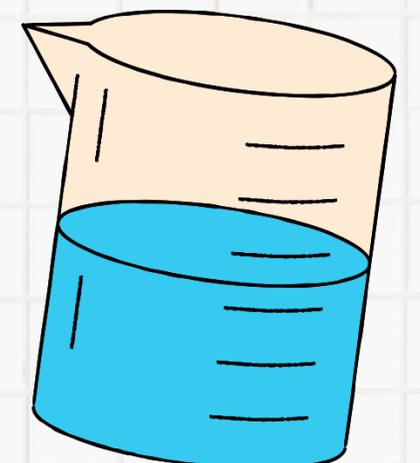
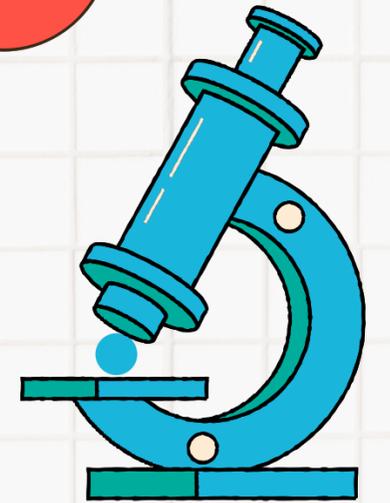
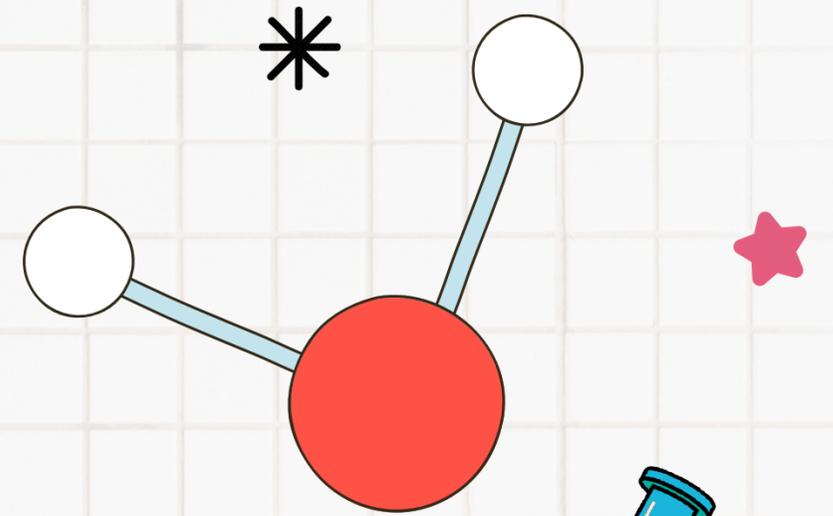
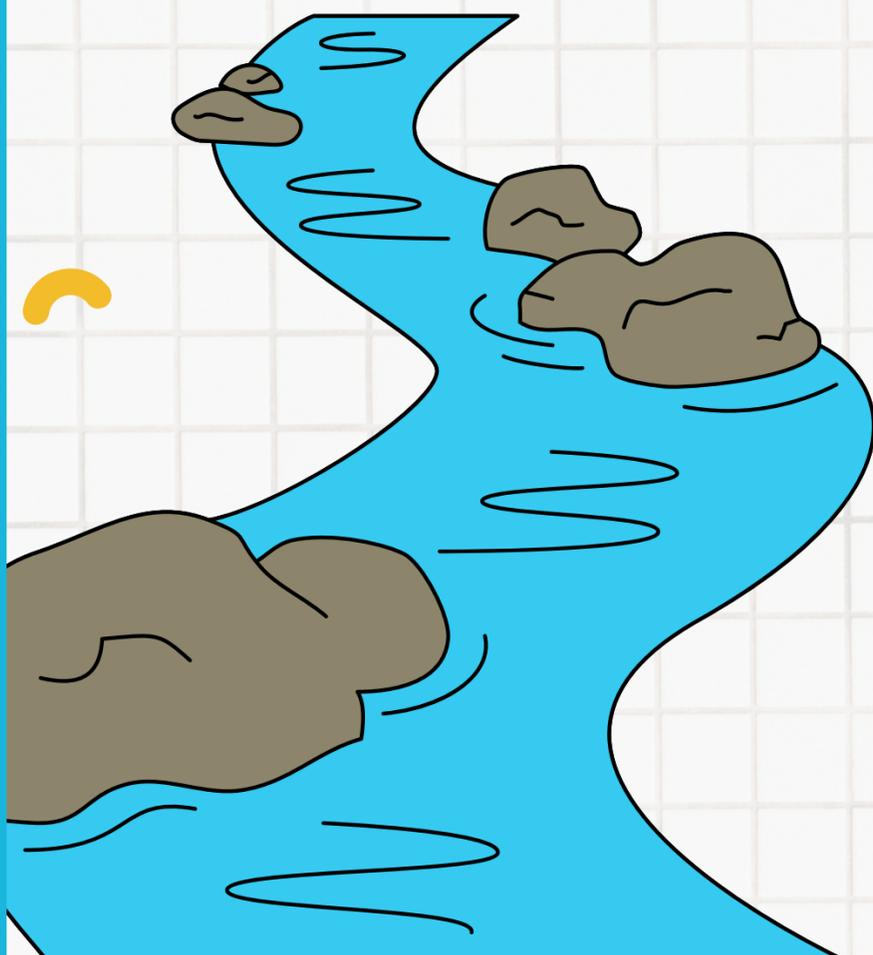


Valeurs



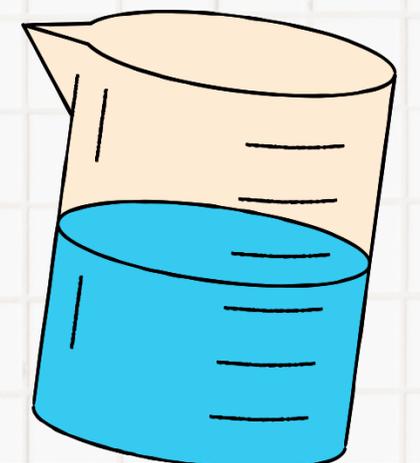
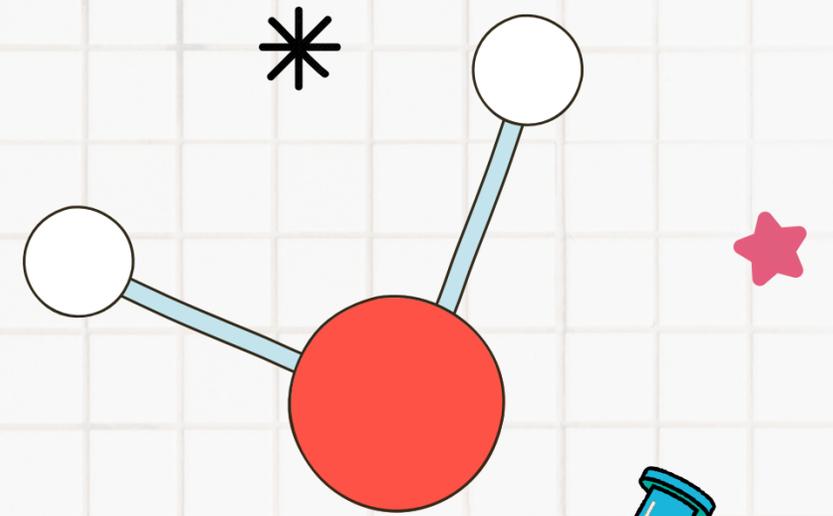
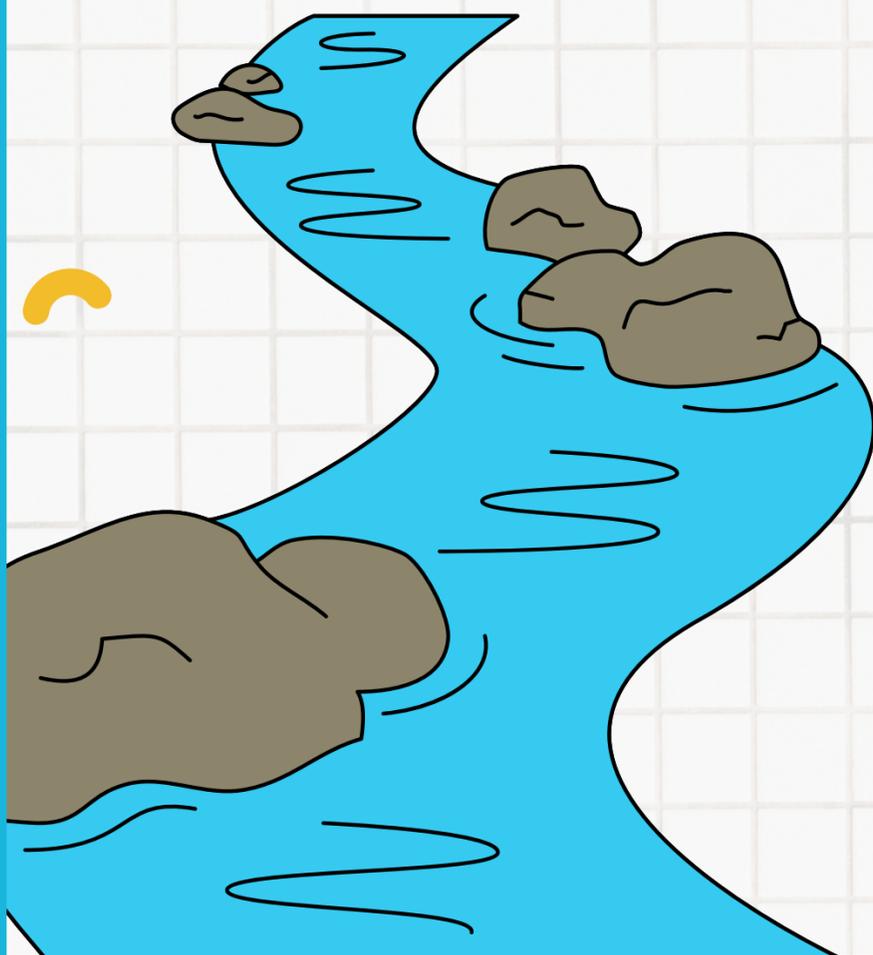
# VITESSE DE L'EAU

L'eau coule plus vite en aval (camping) qu'en amont (font de l'alagnon).



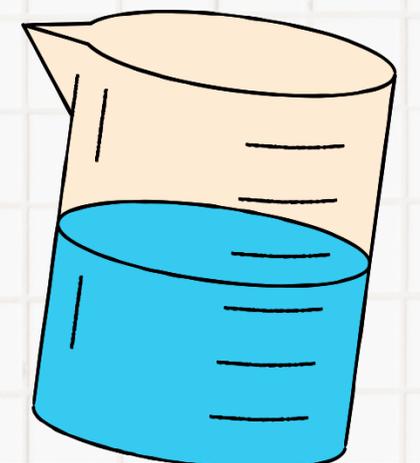
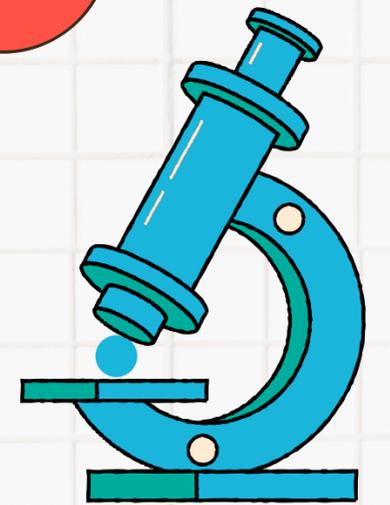
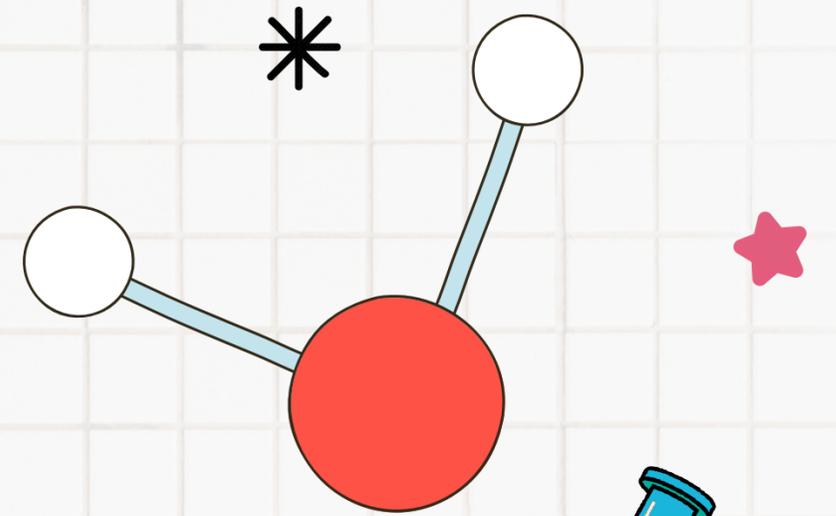
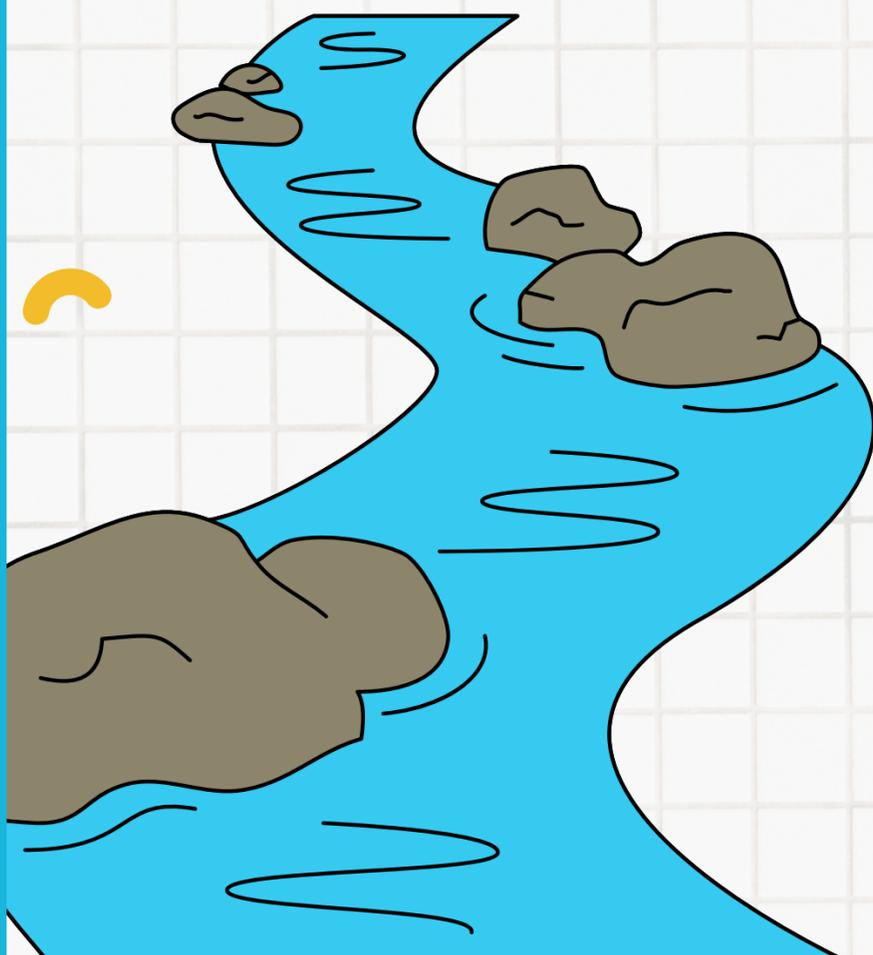
# LARGEUR DU COURS D'EAU

La largeur du cours d'eau augmente vers l'aval.



# DÉBIT CALCULÉ

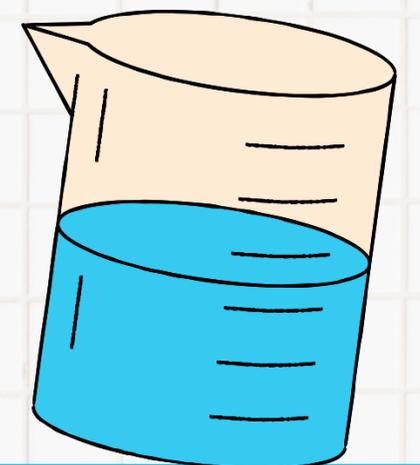
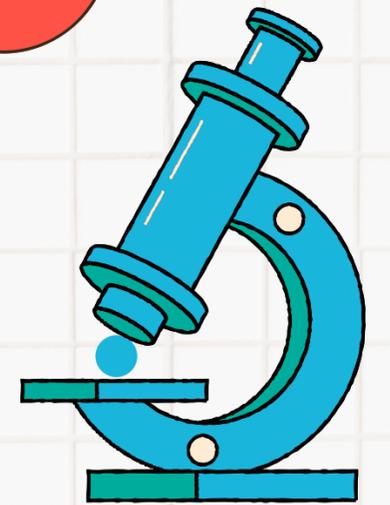
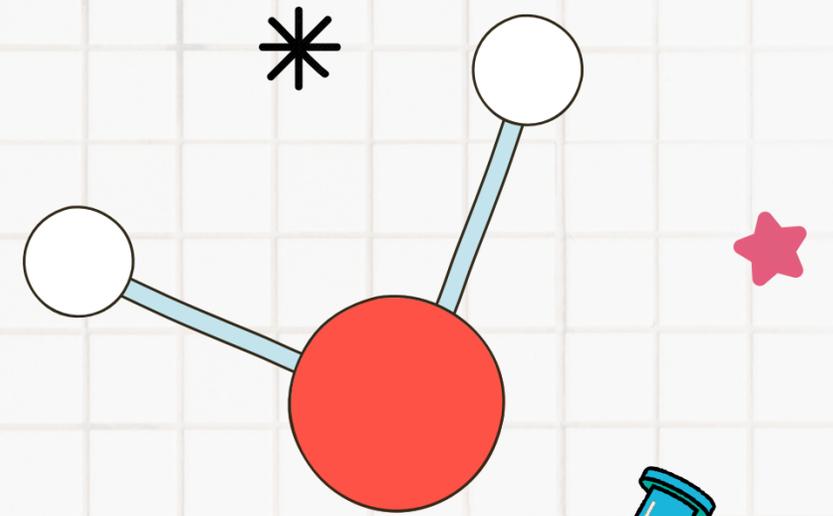
Le débit (vitesse par largeur)  
de l'eau est plus faible en  
amont.



# CONDUCTIVITÉ

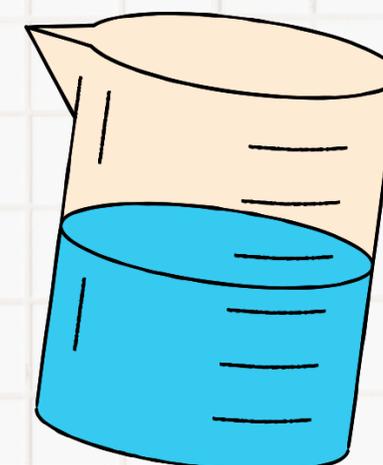
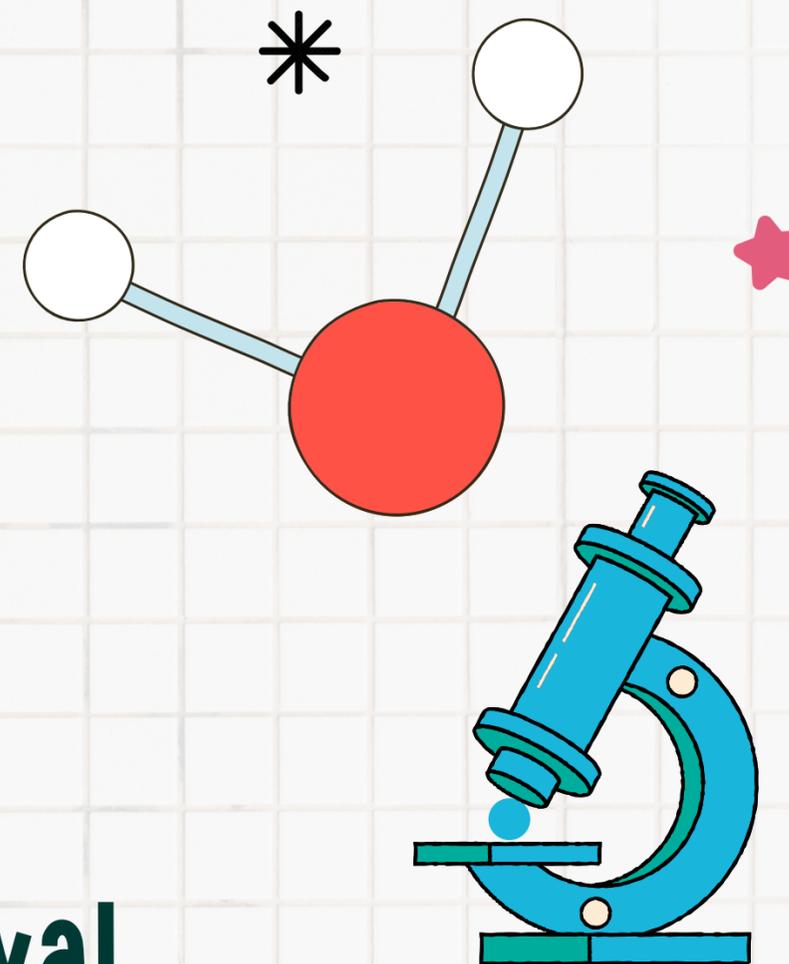
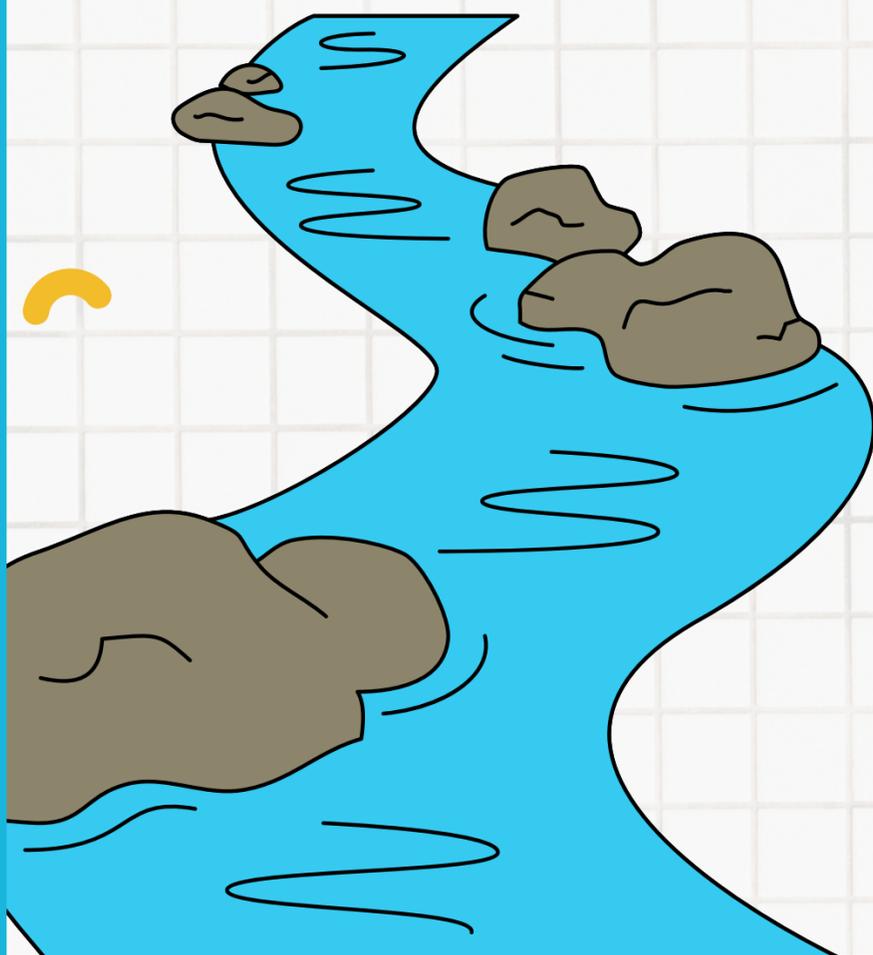
La conductivité (capacité à transmettre l'électricité) augmente vers l'aval.

Il y a plus de sels minéraux dissous dans l'eau en aval.



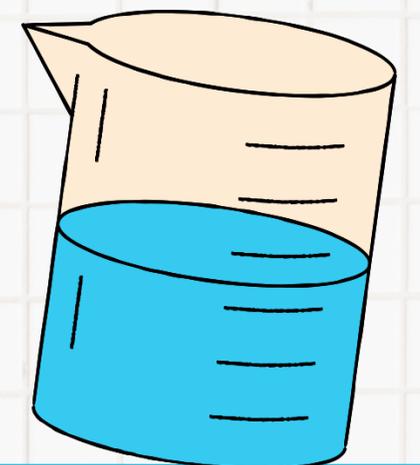
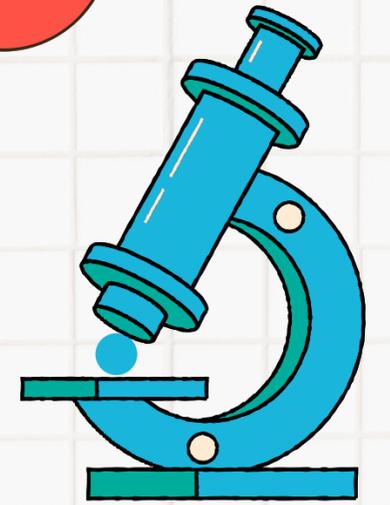
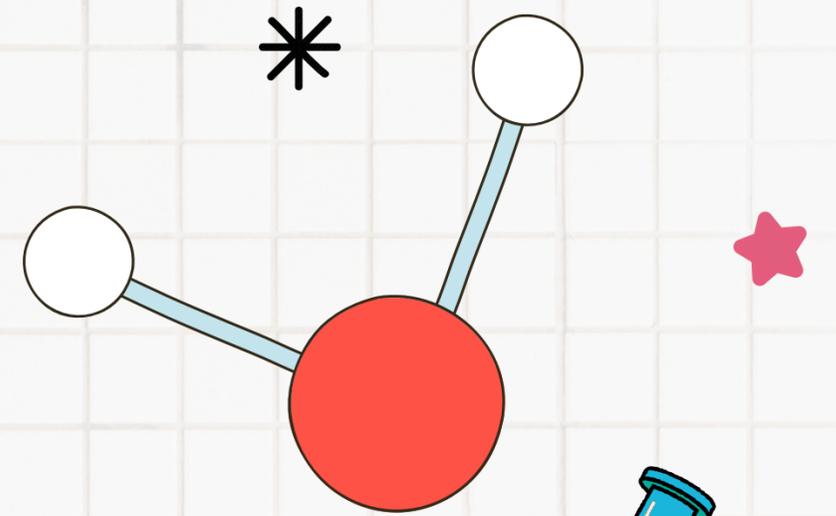
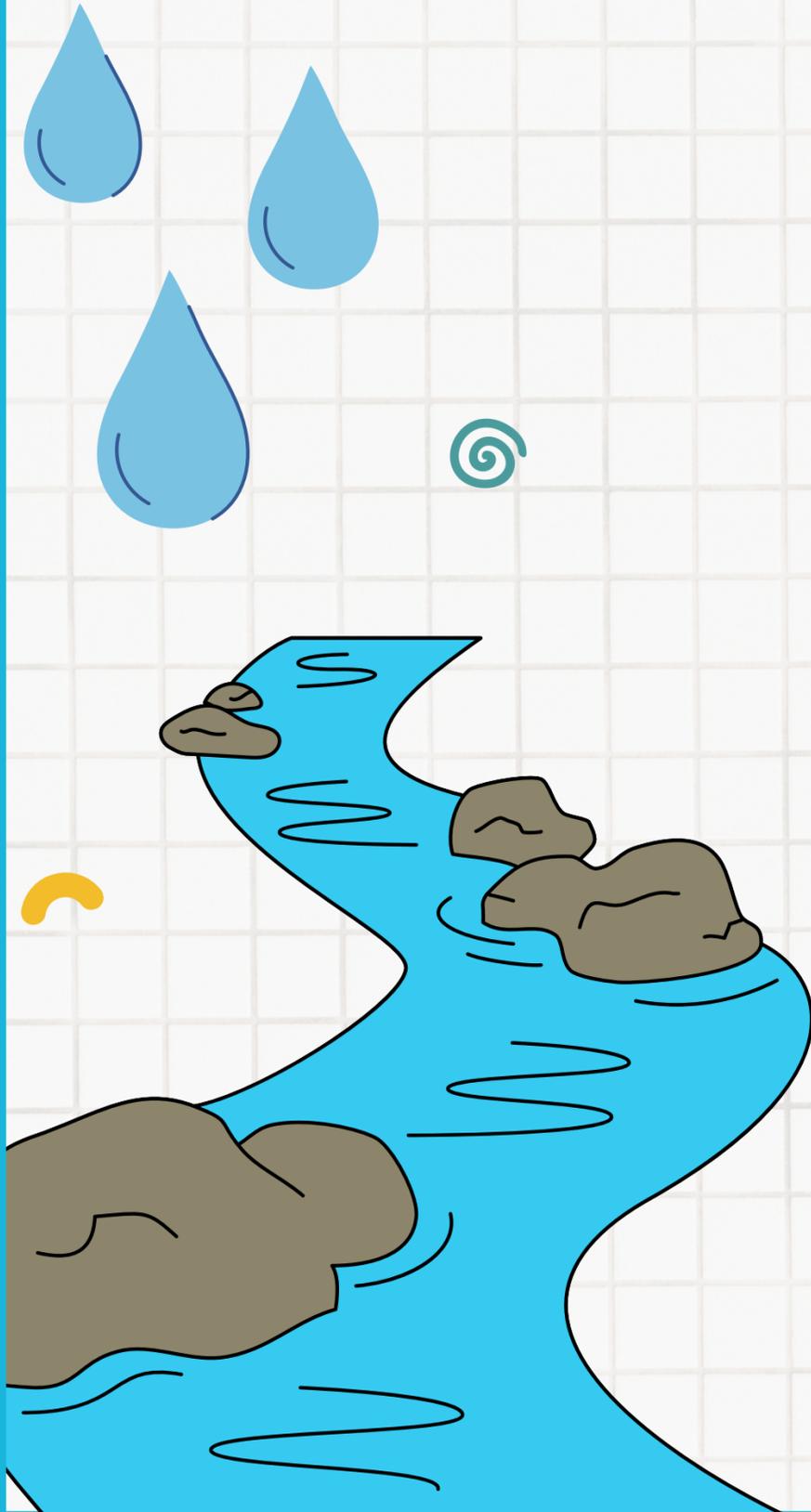
# LE PH

Le PH diminue vers l'aval  
(l'eau est plus acide)



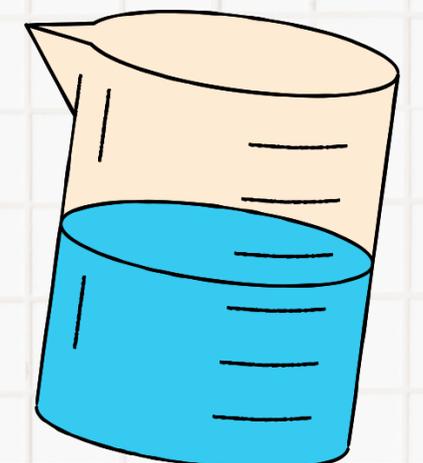
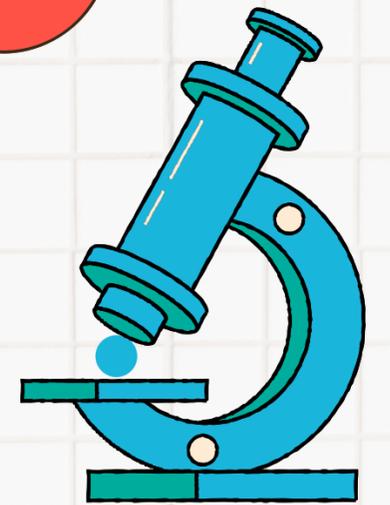
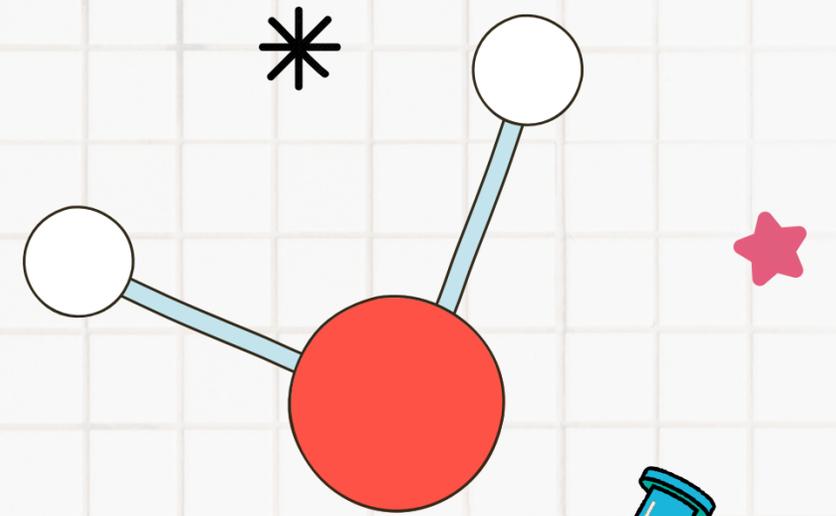
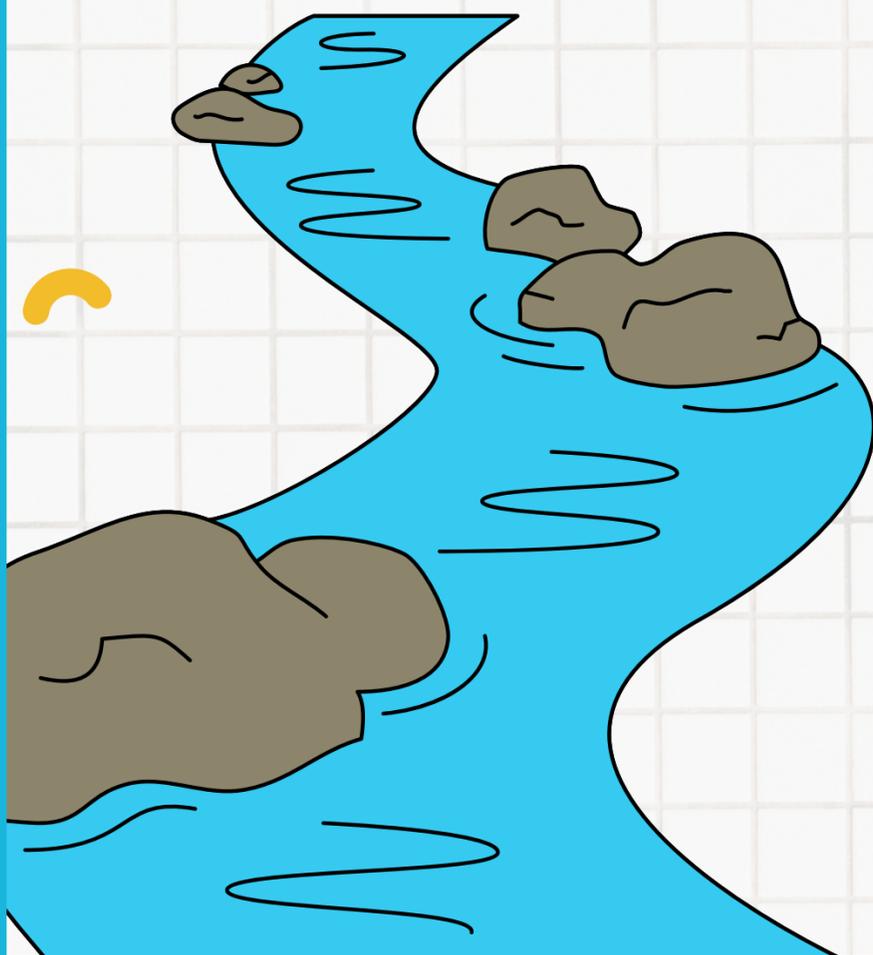
# TURBIDITÉ

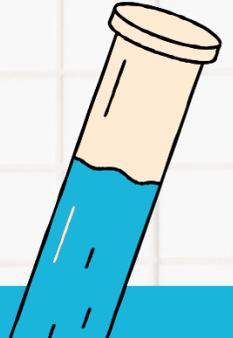
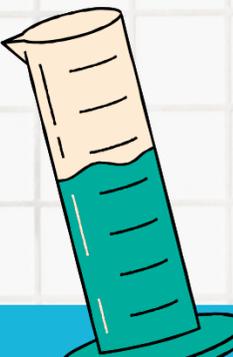
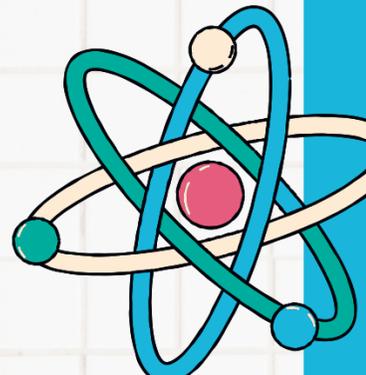
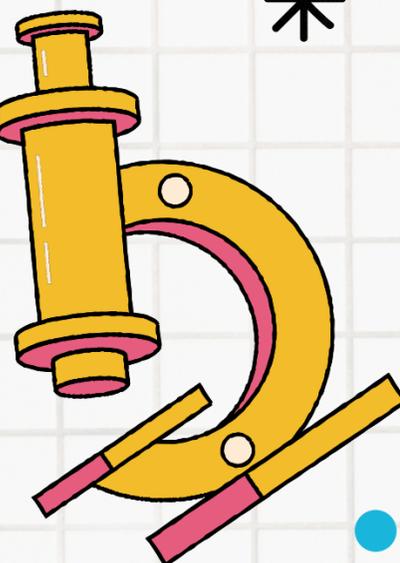
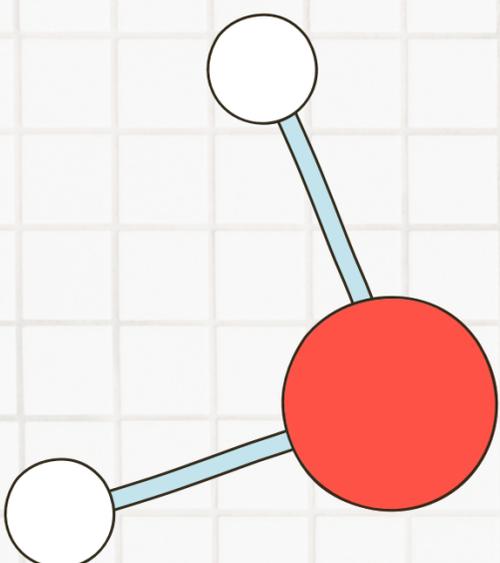
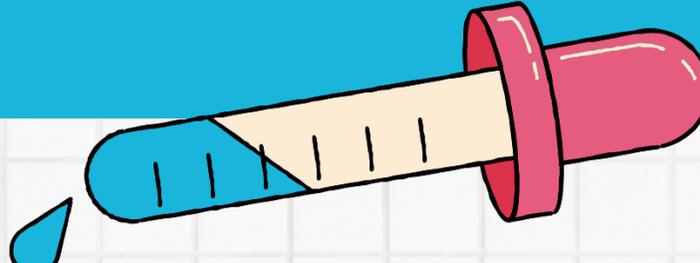
La turbidité augmente vers l'aval (l'eau est plus trouble en aval).



# INDICE BIOLOGIQUE

Il y a plus de diversité et  
de quantité d'espèces en  
amont du cours d'eau.  
L'eau est moins polluée.





**MERCI DE NOUS  
AVOIR ÉCOUTÉS.  
AVEZ VOUS DES  
QUESTIONS?**

de Hélio et Léon