



Mayfly nymph



Freshwater shrimp



Bloodworm



Sludgeworm



Stonefly nymph



Caddisfly larva



Water Louse



Fish Leech

How polluted is the river?

Use this chart to help you work out the pollution levels in a river or stream near you.

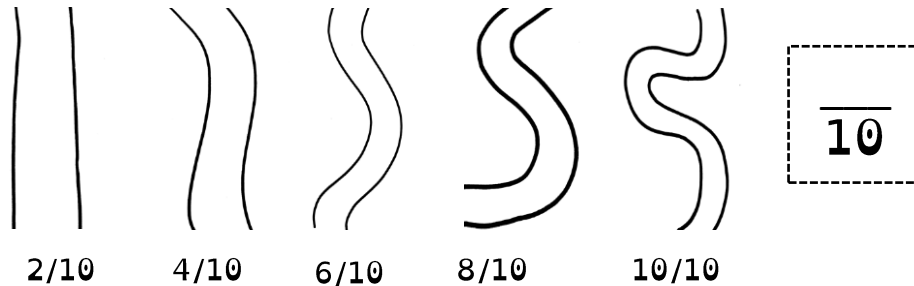
Can you see...	Pollution level
1 Mayfly nymph ☐ Stonefly nymph ☐	No pollution $\frac{10}{10}$
2 Freshwater shrimp ☐ Caddisfly larva ☐	No creatures from 1 Slightly polluted $\frac{8}{10}$
3 Water louse ☐ Bloodworm ☐	No creatures from 1 or 2 Medium pollution $\frac{5}{10}$
4 Rat-tailed maggot ☐ Sludgeworm ☐	No creatures from 1, 2 or 3 A lot of pollution $\frac{3}{10}$
5 No creatures ☐	No creatures from 1, 2, 3 or 4 Very polluted $\frac{0}{10}$

My score

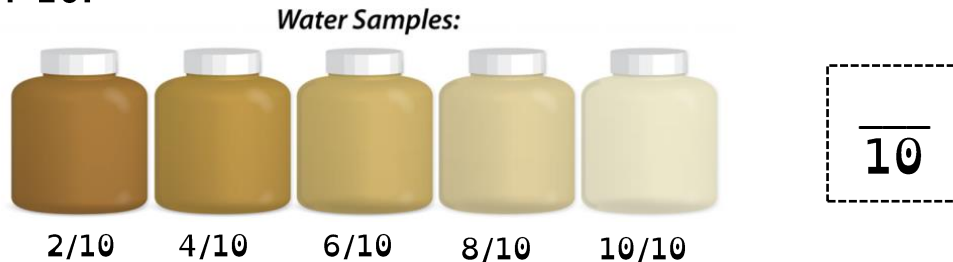
10



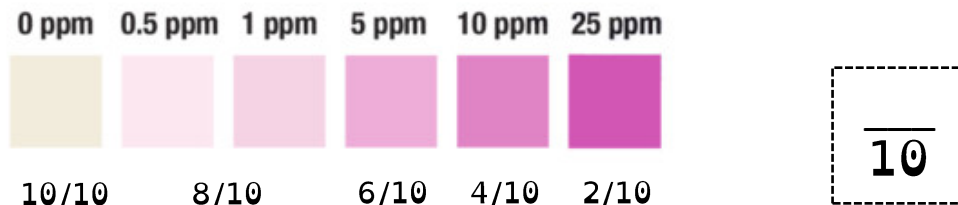
1) How bendy is the river? Use the pictures to help you, and give it a score out of 10.



2) How turbid (murky) is the river? Use the pictures to help you, and give it a score out of 10.



3) How much Nitrate is in the water? Use the colour scale on your dip strip to work out the nitrate level in your sample.



4) How many pieces of litter/rubbish are there on the banks and in the river? Count them and give it a score

10+	7-9	4-6	1-3	0	
2/10	4/10	6/10	8/10	10/10	

What is your total river health score?

Add up all your scores out of 10 and record the total here:

50

Which was the worst category?

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Which was the best category?

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