



# Water Quality Detectives

What impact can the following factors have on water quality?

Factor	Impact on water quality
Sediment from soil erosion	
Fertilisers from farms	
Industrial waste	
Algae growth	
Oil spills	
Plastic litter	
Sewage discharge	
Stormwater runoff	

## TASK!

Create a mind map titled  
**"How We Can Improve Water Quality."**

Start with "Improve Water Quality" in the centre of your mind map, then add branches for different areas where action can be taken (e.g. "At Home," "In the Community," "In Nature," and "In Industry"). For each branch, add specific actions to improve water quality. Use the internet to research creative and practical solutions.

## Reflect

Which action do you think is the easiest to do? Why?

Which action would have the biggest impact on improving water quality?

What action can you take to improve water quality? Why is this important?



Over 80% of Wales' waters are classed as good or high quality, helping protect local wildlife.