

People that help with the River Arrow

The River Arrow has problems with water quality, flooding risk, and wildlife is struggling. But there are lots of different people in the catchment who are working together to help.

Farmers

What they do

Farmers work on and look after the land in the river catchment. They grow crops and look after animals.

How they help the river

- Stop muddy soil washing into the river by looking after the land
- Plant trees and hedgerows to slow the flow of rainwater
- Keep chemicals and animal waste out of the river

Tools they use

- Fencing
- Not leaving bare soil
- Planting trees and hedges
- Put water troughs away from the river



Citizen Scientists

What they do

Study and record what is happening in the river.

How they help the river

- Check water quality.
- Count insects, fish or plants.
- Spot problems early on and report them.
- See where the river is improving.

Tools they use

- Nets
- Sample trays
- Magnifying glasses
- Testing instruments
- Recording sheets and apps



Litter Pickers

What they do

Collect rubbish from rivers, riverbanks, paths and roads.

How they help the river

- Keep the water clean
- Stop rubbish breaking down into small pieces and washing into the river
- Protect animals from harm
- Make the river look nicer

Tools they use

- Litter grabbers
- Gloves
- Bags
- Hi-vis jackets



Flood Wardens

What they do

Help communities prepare for floods, and help out when a flood happens.

How they help the river

- Warn people when water levels rise
- Help reduce damage from flooding
- Share safety advice

Tools they use

- Hi-vis clothing
- Sandbags
- Phones
- Flood monitoring websites and apps



Who might help with which problem?



Have a think about each of these problems, and discuss it in a group. What might be causing the problem, and who may be able to help? Write about what you discussed.



Heavy rain is causing flooding in our village

Who might help?

How might they help?



There don't seem to be as many fish as there used to be

Who might help?

How might they help?

