

## **Beyond the Classroom – Wild About Your Rivers Project Summary**

The Wild About Your Rivers project is designed to give pupils several opportunities that cover a range of curriculum requirements. This project is designed to supplement your teaching of Rivers in geography and or ecosystems in science. The fieldwork activities will be planned and led by the Beyond the Classroom project officer. They can be tailored to suit your curriculum needs.

In terms of content that can be covered throughout the learning objectives are as follows:

- How do changing characteristics of rivers through the long profile? (bed load; channel width; channel depth; cross-section; surface and subsurface velocity)
- How can water quality in rivers be monitored using biological indicators?
- How does human activity affect river ecosystems?



By conducting the fieldwork activity on river sites in the South West Peak e.g. the Goyt Valley the focus around fieldwork skills involves:

- Different sampling methods and their suitability
- Use of a range of techniques to measure river characteristics
- Sampling of biological indicator species to assess water quality
- Methods of increasing reliability and validity of investigations
- Consideration and minimising of risks when planning and undertaking investigations
- Consideration of biosecurity when working in vulnerable river systems

There is also the potential to build this project around the John Muir Award if you have pupils that are particularly keen and would be interested in giving some extra time to the project. This is something that you can discuss with the project officer. If you are interested the links below about the John Muir Award are a good place to start.

**There are seasonal restrictions to this project so the earlier you get in touch the more chance there is that a visit can be planned and secured.**

More information on the John Muir Award can be found here: [www.johnmuiraward.org](http://www.johnmuiraward.org)

Questions or updates should be sent to Jackie Wragg the Beyond the Classroom project officer at [Jackie.Wragg@peakdistrict.gov.uk](mailto:Jackie.Wragg@peakdistrict.gov.uk) Tel: 07585903679



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